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OM protein - protein search, using sw model

Run on: March 22, 2004, 09:26:25 ; Search time 36.4509 Seconds
(without alignments)
Sequence: 1 QVQLQESGGGLVPGGSLRL.....CARDRYFDLNGRGLVTVSS 115
816.986 Million cell updates/sec

Title: US-09-620-955b-2
Perfect score: 115
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Scoring table: OLIGO

Gapop 60.0 , Gapext 60.0

Searched: 1049977 seqs, 25955339 residues

Word size: 0

Total number of hits satisfying chosen parameters: 458419
Minimum DB seq length: 0
Maximum DB seq length: 115

Post-processing: Listing first 100 summaries

Database: Published Applications AA.*

- 1: /cgn2_6/ptodata/2/pubpaa/US07_PUBCOMB.pep.*
- 2: /cgn2_6/ptodata/2/pubpaa/PCT_NEW_PUB.pep.*
- 3: /cgn2_6/ptodata/2/pubpaa/US06_NEW_PUB.pep.*
- 4: /cgn2_6/ptodata/2/pubpaa/US06_PUBCOMB.pep.*
- 5: /cgn2_6/ptodata/2/pubpaa/US07_PUBCOMB.pep.*
- 6: /cgn2_6/ptodata/2/pubpaa/PCTUS_PUBCOMB.pep.*
- 7: /cgn2_6/ptodata/2/pubpaa/US08_NEW_PUB.pep.*
- 8: /cgn2_6/ptodata/2/pubpaa/US08_PUBCOMB.pep.*
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- 10: /cgn2_6/ptodata/2/pubpaa/US09_PUBCOMB.pep.*
- 11: /cgn2_6/ptodata/2/pubpaa/US09C_PUBCOMB.pep.*
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- 13: /cgn2_6/ptodata/2/pubpaa/US10B_PUBCOMB.pep.*
- 14: /cgn2_6/ptodata/2/pubpaa/US10C_PUBCOMB.pep.*
- 15: /cgn2_6/ptodata/2/pubpaa/US10D_PUBCOMB.pep.*
- 16: /cgn2_6/ptodata/2/pubpaa/US10E_PUBCOMB.pep.*
- 17: /cgn2_6/ptodata/2/pubpaa/US10F_PUBCOMB.pep.*
- 18: /cgn2_6/ptodata/2/pubpaa/US10G_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Match	Length	ID	Description
1	65	56.5	115	US-10-305-347A-7	Sequence 7, Appl
2	63	54.8	98	US-10-453-698-64	Sequence 64, Appl
3	63	54.8	98	US-10-194-975-25	Sequence 24, Appl
4	63	54.8	98	US-10-308-817-65	Sequence 64, Appl
5	63	54.8	98	US-10-032-037B-74	Sequence 74, Appl
6	63	54.8	98	US-10-032-037B-75	Sequence 75, Appl
7	63	54.8	98	US-10-032-037B-76	Sequence 76, Appl
8	63	54.8	98	US-10-029-988B-74	Sequence 74, Appl
9	63	54.8	98	US-10-029-988B-75	Sequence 75, Appl
10	63	54.8	98	US-10-032-423A-74	Sequence 74, Appl
11	63	54.8	98	US-10-032-423A-75	Sequence 75, Appl
12	63	54.8	98	US-10-032-423A-76	Sequence 76, Appl
13	63	54.8	98	US-10-453-698-63	Sequence 63, Appl
14	62	53.9	98	US-10-453-698-65	Sequence 65, Appl

16	62	53.9	98	14	US-10-194-975-23	Sequence 23, Appl
17	62	53.9	98	14	US-10-194-975-25	Sequence 25, Appl
18	62	53.9	98	15	US-10-308-817-63	Sequence 63, Appl
19	62	53.9	98	15	US-10-308-817-65	Sequence 65, Appl
20	62	53.9	98	15	US-10-032-037B-80	Sequence 80, Appl
21	62	53.9	98	15	US-10-029-988B-80	Sequence 80, Appl
22	62	53.9	98	15	US-10-032-423A-80	Sequence 80, Appl
23	62	53.9	113	10	US-09-791-153A-63	Sequence 63, Appl
24	61	53.0	83	14	US-10-078-958-7	Sequence 7, Appl
25	46	40.0	98	12	US-10-453-698-66	Sequence 66, Appl
26	46	40.0	98	14	US-10-194-975-26	Sequence 26, Appl
27	46	40.0	98	14	US-10-041-860-4	Sequence 4, Appl
28	46	40.0	98	14	US-10-041-860-283	Sequence 283, Appl
29	46	40.0	98	14	US-10-041-860-284	Sequence 284, Appl
30	46	40.0	98	14	US-10-041-860-307	Sequence 307, Appl
31	46	40.0	98	14	US-10-041-860-308	Sequence 308, Appl
32	46	40.0	98	14	US-10-041-860-330	Sequence 330, Appl
33	46	40.0	98	15	US-10-308-817-66	Sequence 66, Appl
34	46	40.0	98	15	US-10-032-037B-81	Sequence 81, Appl
35	46	40.0	98	15	US-10-029-988B-81	Sequence 81, Appl
36	46	40.0	98	15	US-10-032-423A-81	Sequence 81, Appl
37	45	40.0	109	15	US-10-309-764-1	Sequence 1, Appl
38	45	40.0	102	10	US-09-972-656-126	Sequence 126, Appl
39	41	35.7	98	9	US-09-864-761-44343	Sequence 44343, A
40	41	35.7	98	14	US-10-041-860-332	Sequence 332, Appl
41	40	34.8	97	12	US-10-453-698-70	Sequence 70, Appl
42	40	34.8	97	12	US-10-453-698-72	Sequence 72, Appl
43	40	34.8	97	14	US-10-194-975-29	Sequence 29, Appl
44	40	34.8	97	14	US-10-194-975-31	Sequence 31, Appl
45	40	34.8	97	14	US-10-041-860-5	Sequence 5, Appl
46	40	34.8	97	14	US-10-041-860-277	Sequence 277, Appl
47	40	34.8	97	15	US-10-308-817-72	Sequence 72, Appl
48	40	34.8	97	15	US-10-032-037B-68	Sequence 68, Appl
49	40	34.8	97	15	US-10-032-037B-69	Sequence 69, Appl
50	40	34.8	97	15	US-10-029-988B-68	Sequence 68, Appl
51	40	34.8	97	15	US-10-029-988B-69	Sequence 69, Appl
52	40	34.8	97	15	US-10-032-423A-68	Sequence 68, Appl
53	40	34.8	97	15	US-10-032-423A-69	Sequence 69, Appl
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55	40	34.8	102	10	US-09-972-656-127	Sequence 127, Appl
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57	40	34.8	113	9	US-09-056-160B-11	Sequence 11, Appl
58	40	34.8	113	9	US-09-056-160B-11	Sequence 11, Appl
59	40	34.8	113	9	US-09-056-160B-11	Sequence 11, Appl
60	39	33.9	96	14	US-10-234-671-11	Sequence 11, Appl
61	39	33.9	98	9	US-09-822-698A-18	Sequence 18, Appl
62	39	33.9	98	12	US-10-453-698-62	Sequence 62, Appl
63	39	33.9	98	14	US-10-194-975-22	Sequence 22, Appl
64	39	33.9	98	14	US-10-125-687-19	Sequence 19, Appl
65	39	33.9	98	14	US-10-010-942B-10	Sequence 10, Appl
66	39	33.9	98	15	US-10-308-817-62	Sequence 62, Appl
67	39	33.9	98	15	US-10-032-037B-77	Sequence 77, Appl
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69	39	33.9	98	15	US-10-032-423A-77	Sequence 77, Appl
70	39	33.9	109	15	US-10-309-764-17	Sequence 17, Appl
71	39	33.9	112	14	US-10-010-723-15	Sequence 15, Appl
72	38	33.0	108	14	US-10-026-925-24	Sequence 24, Appl
73	36	31.3	113	15	US-10-026-925-24	Sequence 24, Appl
74	35	30.4	98	14	US-10-194-975-30	Sequence 30, Appl
75	32	27.8	98	9	US-09-855-271-21	Sequence 21, Appl
76	32	27.8	32	9	US-09-949-559-123	Sequence 123, Appl
77	32	27.8	32	9	US-09-949-559-123	Sequence 123, Appl
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79	31	27.0	32	9	US-09-949-559-123	Sequence 123, Appl
80	31	27.0	32	15	US-10-463-443-24	Sequence 24, Appl
81	29	25.2	30	12	US-09-837-306-202	Sequence 202, Appl
82	29	25.2	30	15	US-10-045-674-91	Sequence 91, Appl
83	29	25.2	98	14	US-10-453-698-68	Sequence 68, Appl
84	29	25.2	98	14	US-10-194-975-28	Sequence 28, Appl
85	29	25.2	98	15	US-10-308-817-68	Sequence 81, Appl
86	29	25.2	98	15	US-10-032-037B-82	Sequence 82, Appl
87	29	25.2	98	15	US-10-029-988B-82	Sequence 82, Appl
88	29	25.2	98	15	US-10-032-423A-82	Sequence 82, Appl

89 29 25.2 11.4 15 US-10-309-762-145 Sequence 145, Appl
90 27 23.5 72 14 US-10-026-925-53 Sequence 53, Appl
91 27 23.5 97 12 US-10-453-698-58 Sequence 58, Appl
92 27 23.5 97 14 US-10-194-975-18 Sequence 18, Appl
93 27 23.5 97 15 US-10-308-817-58 Sequence 58, Appl
94 27 23.5 97 15 US-10-032-037B-78 Sequence 78, Appl
95 27 23.5 97 15 US-10-029-988B-78 Sequence 78, Appl
96 27 23.5 97 15 US-10-032-423A-78 Sequence 78, Appl
97 27 23.5 98 12 US-10-453-698-55 Sequence 55, Appl
98 27 23.5 98 12 US-10-453-698-71 Sequence 71, Appl
99 27 23.5 98 12 US-10-453-698-75 Sequence 75, Appl
100 27 23.5 98 13 US-10-066-895-4 Sequence 4, Appl

ALIGNMENTS

RESULT 1
US-10-305-347A-7
; Sequence 7, Application US/10305347A
; Publication No. US20030143603A1
; GENERAL INFORMATION:
; APPLICANT: Giles-Komar, Jill
; TITLE OF INVENTION: ANTI-TNF ANTIBODIES, COMPOSITIONS, METHODS AND USES
; FILE REFERENCE: CEN5005
; CURRENT APPLICATION NUMBER: US/10/305,347A
; PRIOR FILING DATE: 2002-11-26
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn Ver 3.0
; SEQ ID NO 7
; LENGTH: 115
; TYPE: PRT
; ORGANISM: Homo sapiens
* US-10-305-347A-7

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QY 36 WVRQAPGKLEWAVISYDGSNKYYADSVKGRFTISRDNSKNTLYLQMSLRADTAVYY 95
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QY 96 CARDR 100
DB 96 CARDR 100

RESULT 2
US-10-453-698-64
; Sequence 64, Application US/10453698
; Publication No. US20040038308A1
; GENERAL INFORMATION:
; APPLICANT: Rother, Russell
; TITLE OF INVENTION: HYBRID ANTIBODIES
; FILE REFERENCE: 82 CIP (1087-37 CIP)
; CURRENT APPLICATION NUMBER: US/10/453,698
; PRIOR FILING DATE: 2003-06-03
; NUMBER OF SEQ ID NOS: 196
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 64
; LENGTH: 98
; TYPE: PRT
; ORGANISM: human
US-10-453-698-64

Query Match 54.8%; Score 63; DB 12; Length 98;
Best Local Similarity 100.0%; Pred. No. 3.2e-50;
Matches 63; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 36 WVRQAPGKLEWAVISYDGSNKYYADSVKGRFTISRDNSKNTLYLQMSLRADTAVYY 95
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QY 96 CARDR 100
DB 96 CARDR 100

Db 36 WVRQAPGKLEWAVISYDGSNKYYADSVKGRFTISRDNSKNTLYLQMSLRADTAVYY 95
QY 96 CAR 98
Db 96 CAR 98

RESULT 3
US-10-194-975-24
; Sequence 24, Application US/10194975
; Publication No. US20030039649A1
; GENERAL INFORMATION:
; APPLICANT: Foote, Jefferson
; TITLE OF INVENTION: Super Humanized Antibodies
; FILE REFERENCE: 501231.01
; CURRENT APPLICATION NUMBER: US/10/194,975
; PRIOR FILING DATE: 2002-10-10
; PRIOR FILING DATE: 2001-07-12
; NUMBER OF SEQ ID NOS: 122
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 24
; LENGTH: 98
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-194-975-24

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Best Local Similarity 100.0%; Pred. No. 3.2e-50;
Matches 63; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 36 WVRQAPGKLEWAVISYDGSNKYYADSVKGRFTISRDNSKNTLYLQMSLRADTAVYY 95
QY 96 CAR 98
DB 96 CAR 98

RESULT 4
US-10-308-817-64
; Sequence 64, Application US/10308817
; Publication No. US20030219861A1
; GENERAL INFORMATION:
; APPLICANT: Rother, Russell
; TITLE OF INVENTION: HYBRID ANTIBODIES
; FILE REFERENCE: 1087-37
; CURRENT APPLICATION NUMBER: US/10/308,817
; PRIOR FILING DATE: 2002-12-03
; NUMBER OF SEQ ID NOS: 195
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 64
; LENGTH: 98
; TYPE: PRT
; ORGANISM: human
US-10-308-817-64

Query Match 54.8%; Score 63; DB 15; Length 98;
Best Local Similarity 100.0%; Pred. No. 3.2e-50;
Matches 63; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 36 WVRQAPGKLEWAVISYDGSNKYYADSVKGRFTISRDNSKNTLYLQMSLRADTAVYY 95
DB 36 WVRQAPGKLEWAVISYDGSNKYYADSVKGRFTISRDNSKNTLYLQMSLRADTAVYY 95
QY 96 CAR 98
DB 96 CAR 98

RESULT 5

US-10-032-037B-74
; Sequence 74, Application US/10032037B
; Publication No. US20040001822A1
; GENERAL INFORMATION:
; APPLICANT: Bio-Technology General Corp.
; TITLE OF INVENTION: Y17-ISOLATED MOLECULES COMPRISING EPITOPES CONTAINING SULFATED
; MOIETIES, ANTIBODIES TO SUCH EPITOPES, AND USES THEREOF
; FILE REFERENCE: 10793/44
; CURRENT APPLICATION NUMBER: US/10/032,037B
; PRIOR FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: 60/258,948
; NUMBER OF SEQ ID NOS: 204
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 74
; LENGTH: 98
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-032-037B-74

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Best Local Similarity 100.0%; Pred. No. 3.2e-50;
Matches 63; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY 36 WVRQAPGKLEWAVISYDGSNKYYADSVKGRFTISRDNKNTLYLQNSLRADTAVYY 95
Db |||||
QY 96 CAR 98
Db |||||
QY 96 CAR 98

RESULT 6
US-10-032-037B-75
; Sequence 75, Application US/10032037B
; Publication No. US20040001822A1
; GENERAL INFORMATION:
; APPLICANT: Bio-Technology General Corp.
; TITLE OF INVENTION: Y17-ISOLATED MOLECULES COMPRISING EPITOPES CONTAINING SULFATED
; MOIETIES, ANTIBODIES TO SUCH EPITOPES, AND USES THEREOF
; FILE REFERENCE: 10793/44
; CURRENT APPLICATION NUMBER: US/10/032,037B
; PRIOR FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: 60/258,948
; NUMBER OF SEQ ID NOS: 204
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 75
; LENGTH: 98
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-032-037B-75

Query Match 54.8%; Score 63; DB 15; Length 98;
Best Local Similarity 100.0%; Pred. No. 3.2e-50;
Matches 63; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 36 WVRQAPGKLEWAVISYDGSNKYYADSVKGRFTISRDNKNTLYLQNSLRADTAVYY 95
Db |||||
QY 96 CAR 98
Db |||||
QY 96 CAR 98

RESULT 7
US-10-032-037B-76
; Sequence 76, Application US/10032037B
; Publication No. US20040001822A1
; GENERAL INFORMATION:
; APPLICANT: Bio-Technology General Corp.

; TITLE OF INVENTION: Y17-ISOLATED MOLECULES COMPRISING EPITOPES CONTAINING SULFATED
; MOIETIES, ANTIBODIES TO SUCH EPITOPES, AND USES THEREOF
; FILE REFERENCE: 10793/44
; CURRENT APPLICATION NUMBER: US/10/032,037B
; PRIOR FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: 60/258,948
; NUMBER OF SEQ ID NOS: 204
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 76
; LENGTH: 98
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-032-037B-76

Query Match 54.8%; Score 63; DB 15; Length 98;
Best Local Similarity 100.0%; Pred. No. 3.2e-50;
Matches 63; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Db |||||
QY 96 CAR 98
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QY 96 CAR 98

RESULT 8
US-10-029-988B-74
; Sequence 74, Application US/10029988B
; Publication No. US20040001839A1
; GENERAL INFORMATION:
; APPLICANT: Bio-Technology General Corp.
; TITLE OF INVENTION: Y17-ISOLATED MOLECULES COMPRISING EPITOPES CONTAINING SULFATED
; MOIETIES, ANTIBODIES TO SUCH EPITOPES, AND USES THEREOF
; FILE REFERENCE: 10793/46
; CURRENT APPLICATION NUMBER: US/10/029,988B
; PRIOR FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: 60/258,948
; NUMBER OF SEQ ID NOS: 204
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 74
; LENGTH: 98
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-029-988B-74

Query Match 54.8%; Score 63; DB 15; Length 98;
Best Local Similarity 100.0%; Pred. No. 3.2e-50;
Matches 63; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Db |||||
QY 96 CAR 98
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QY 96 CAR 98

RESULT 9
US-10-029-988B-75
; Sequence 75, Application US/10029988B
; Publication No. US20040001839A1
; GENERAL INFORMATION:
; APPLICANT: Bio-Technology General Corp.
; TITLE OF INVENTION: Y17-ISOLATED MOLECULES COMPRISING EPITOPES CONTAINING SULFATED
; MOIETIES, ANTIBODIES TO SUCH EPITOPES, AND USES THEREOF
; FILE REFERENCE: 10793/46
; CURRENT APPLICATION NUMBER: US/10/029,988B
; CURRENT FILING DATE: 2001-12-31

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; PRIOR APPLICATION NUMBER: 60/258,948
; PRIOR FILING DATE: 2000-12-29
; NUMBER OF SEQ ID NOS: 204
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 75
; LENGTH: 98
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-029-988B-75

Query Match      54.8%; Score 63; DB 15; Length 98;
Best Local Similarity 100.0%; Pred. No. 3.2e-50;
Matches 63; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 36 WVRQAPGKLEWAVISYDGSNKYYADSVKGRFTISRDNKNTLYLQNSLRAEDTAVYY 95
Db 36 WVRQAPGKLEWAVISYDGSNKYYADSVKGRFTISRDNKNTLYLQNSLRAEDTAVYY 95
QY 96 CAR 98
Db 96 CAR 98

RESULT 10
US-10-029-988B-76
; Sequence 76, Application US/10029988B
; Publication No. US20040001839A1
; GENERAL INFORMATION:
; APPLICANT: Bio-Technology General Corp.
; TITLE OF INVENTION: Y17-ISOLATED MOLECULES COMPRISING EPITOPES CONTAINING SULFATED
; FILE REFERENCE: 10793/46
; CURRENT APPLICATION NUMBER: US/10/029,988B
; PRIOR FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: 60/258,948
; PRIOR FILING DATE: 2000-12-29
; NUMBER OF SEQ ID NOS: 204
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 76
; LENGTH: 98
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-029-988B-76

Query Match      54.8%; Score 63; DB 15; Length 98;
Best Local Similarity 100.0%; Pred. No. 3.2e-50;
Matches 63; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 36 WVRQAPGKLEWAVISYDGSNKYYADSVKGRFTISRDNKNTLYLQNSLRAEDTAVYY 95
Db 36 WVRQAPGKLEWAVISYDGSNKYYADSVKGRFTISRDNKNTLYLQNSLRAEDTAVYY 95
QY 96 CAR 98
Db 96 CAR 98

RESULT 11
US-10-032-423A-74
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; Publication No. US20040002450A1
; GENERAL INFORMATION:
; APPLICANT: Bio-Technology General Corp.
; TITLE OF INVENTION: Y17-ISOLATED MOLECULES COMPRISING EPITOPES CONTAINING SULFATED
; FILE REFERENCE: 10793/45
; CURRENT APPLICATION NUMBER: US/10/032,423A
; PRIOR FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: 60/258,948
; PRIOR FILING DATE: 12/29/2000
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; SEQ ID NO 74
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; LENGTH: 98
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; ORGANISM: Homo sapiens
US-10-032-423A-74

Query Match      54.8%; Score 63; DB 15; Length 98;
Best Local Similarity 100.0%; Pred. No. 3.2e-50;
Matches 63; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 36 WVRQAPGKLEWAVISYDGSNKYYADSVKGRFTISRDNKNTLYLQNSLRAEDTAVYY 95
Db 36 WVRQAPGKLEWAVISYDGSNKYYADSVKGRFTISRDNKNTLYLQNSLRAEDTAVYY 95
QY 96 CAR 98
Db 96 CAR 98

RESULT 12
US-10-032-423A-75
; Sequence 75, Application US/10032423A
; Publication No. US20040002450A1
; GENERAL INFORMATION:
; APPLICANT: Bio-Technology General Corp.
; TITLE OF INVENTION: Y17-ISOLATED MOLECULES COMPRISING EPITOPES CONTAINING SULFATED
; FILE REFERENCE: 10793/45
; CURRENT APPLICATION NUMBER: US/10/032,423A
; PRIOR FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: 60/258,948
; PRIOR FILING DATE: 12/29/2000
; NUMBER OF SEQ ID NOS: 204
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 75
; LENGTH: 98
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-032-423A-75

Query Match      54.8%; Score 63; DB 15; Length 98;
Best Local Similarity 100.0%; Pred. No. 3.2e-50;
Matches 63; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 36 WVRQAPGKLEWAVISYDGSNKYYADSVKGRFTISRDNKNTLYLQNSLRAEDTAVYY 95
Db 36 WVRQAPGKLEWAVISYDGSNKYYADSVKGRFTISRDNKNTLYLQNSLRAEDTAVYY 95
QY 96 CAR 98
Db 96 CAR 98

RESULT 13
US-10-032-423A-76
; Sequence 76, Application US/10032423A
; Publication No. US20040002450A1
; GENERAL INFORMATION:
; APPLICANT: Bio-Technology General Corp.
; TITLE OF INVENTION: Y17-ISOLATED MOLECULES COMPRISING EPITOPES CONTAINING SULFATED
; FILE REFERENCE: 10793/45
; CURRENT APPLICATION NUMBER: US/10/032,423A
; PRIOR FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: 60/258,948
; PRIOR FILING DATE: 12/29/2000
; NUMBER OF SEQ ID NOS: 204
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 76
; LENGTH: 98
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-032-423A-76
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Query Match      54.8%; Score 63; DB 15; Length 98;
Best Local Similarity 100.0%; Pred. No. 3.2e-50;
Matches 63; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 36 WVRQAPGKLEWVAVISYDGSNKYYADSVKGRFTISRDNKNTLYLQNSLRADTAVYY 95
Db 36 WVRQAPGKLEWVAVISYDGSNKYYADSVKGRFTISRDNKNTLYLQNSLRADTAVYY 95

QY 96 CA 98
Db 96 CA 98

RESULT 14
US-10-453-698-63
; Sequence 63, Application US/10453698
; Publication No. US20040038308A1
; GENERAL INFORMATION:
; APPLICANT: Rother, Russell
; TITLE OF INVENTION: HYBRID ANTIBODIES
; FILE REFERENCE: 82 CIP (1087-37 CIP)
; CURRENT APPLICATION NUMBER: US/10/453,698
; CURRENT FILING DATE: 2003-06-03
; NUMBER OF SEQ ID NOS: 196
; SOFTWARE: Patent in version 3.2
; SEQ ID NO 63
; LENGTH: 98
; TYPE: PRT
; ORGANISM: human
US-10-453-698-63

Query Match      53.9%; Score 62; DB 12; Length 98;
Best Local Similarity 100.0%; Pred. No. 2.6e-49;
Matches 62; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 36 WVRQAPGKLEWVAVISYDGSNKYYADSVKGRFTISRDNKNTLYLQNSLRADTAVYY 95
Db 36 WVRQAPGKLEWVAVISYDGSNKYYADSVKGRFTISRDNKNTLYLQNSLRADTAVYY 95

QY 96 CA 97
Db 96 CA 97

RESULT 15
US-10-453-698-65
; Sequence 65, Application US/10453698
; Publication No. US20040038308A1
; GENERAL INFORMATION:
; APPLICANT: Rother, Russell
; TITLE OF INVENTION: HYBRID ANTIBODIES
; FILE REFERENCE: 82 CIP (1087-37 CIP)
; CURRENT APPLICATION NUMBER: US/10/453,698
; CURRENT FILING DATE: 2003-06-03
; NUMBER OF SEQ ID NOS: 196
; SOFTWARE: Patent in version 3.2
; SEQ ID NO 65
; LENGTH: 98
; TYPE: PRT
; ORGANISM: human
US-10-453-698-65

Query Match      53.9%; Score 62; DB 12; Length 98;
Best Local Similarity 100.0%; Pred. No. 2.6e-49;
Matches 62; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 36 WVRQAPGKLEWVAVISYDGSNKYYADSVKGRFTISRDNKNTLYLQNSLRADTAVYY 95
Db 36 WVRQAPGKLEWVAVISYDGSNKYYADSVKGRFTISRDNKNTLYLQNSLRADTAVYY 95

QY 96 CA 97
Db 96 CA 97

Query Match      54.8%; Score 63; DB 15; Length 98;
Best Local Similarity 100.0%; Pred. No. 3.2e-50;
Matches 63; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 36 WVRQAPGKLEWVAVISYDGSNKYYADSVKGRFTISRDNKNTLYLQNSLRADTAVYY 95
Db 36 WVRQAPGKLEWVAVISYDGSNKYYADSVKGRFTISRDNKNTLYLQNSLRADTAVYY 95

QY 96 CA 98
Db 96 CA 98

RESULT 16
US-10-194-975-23
; Sequence 23, Application US/10194975
; Publication No. US20030039649A1
; GENERAL INFORMATION:
; APPLICANT: Foote, Jefferson
; TITLE OF INVENTION: Super Humanized Antibodies
; FILE REFERENCE: 501231.01
; CURRENT APPLICATION NUMBER: US/10/194,975
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: US 60/305,111
; PRIOR FILING DATE: 2001-07-12
; NUMBER OF SEQ ID NOS: 122
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 23
; LENGTH: 98
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-194-975-23

Query Match      53.9%; Score 62; DB 14; Length 98;
Best Local Similarity 100.0%; Pred. No. 2.6e-49;
Matches 62; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 36 WVRQAPGKLEWVAVISYDGSNKYYADSVKGRFTISRDNKNTLYLQNSLRADTAVYY 95
Db 36 WVRQAPGKLEWVAVISYDGSNKYYADSVKGRFTISRDNKNTLYLQNSLRADTAVYY 95

QY 96 CA 97
Db 96 CA 97

RESULT 17
US-10-194-975-25
; Sequence 25, Application US/10194975
; Publication No. US20030039649A1
; GENERAL INFORMATION:
; APPLICANT: Foote, Jefferson
; TITLE OF INVENTION: Super Humanized Antibodies
; FILE REFERENCE: 501231.01
; CURRENT APPLICATION NUMBER: US/10/194,975
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: US 60/305,111
; PRIOR FILING DATE: 2001-07-12
; NUMBER OF SEQ ID NOS: 122
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 25
; LENGTH: 98
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-194-975-25

Query Match      53.9%; Score 62; DB 14; Length 98;
Best Local Similarity 100.0%; Pred. No. 2.6e-49;
Matches 62; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 36 WVRQAPGKLEWVAVISYDGSNKYYADSVKGRFTISRDNKNTLYLQNSLRADTAVYY 95
Db 36 WVRQAPGKLEWVAVISYDGSNKYYADSVKGRFTISRDNKNTLYLQNSLRADTAVYY 95

QY 96 CA 97
Db 96 CA 97

RESULT 18
US-10-308-817-63
; Sequence 83, Application US/10308817
; Publication No. US20030219861A1
; GENERAL INFORMATION:
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; APPLICANT: Rother, Russell
; APPLICANT: Wu, Dayang
; TITLE OF INVENTION: HYBRID ANTIBODIES
; FILE REFERENCE: 1087-37
; CURRENT APPLICATION NUMBER: US/10/308,817
; CURRENT FILING DATE: 2002-12-03
; NUMBER OF SEQ ID NOS: 195
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 63
; LENGTH: 98
; TYPE: PRT
; ORGANISM: human
US-10-308-817-63

Query Match      53.9%; Score 62; DB 15; Length 98;
Best Local Similarity 100.0%; Pred. No. 2.6e-49;
Matches 62; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 36 WVRQAPGKLEWVAVISYDGSNKYYADSVKGRFTISRDNKNTLYLQMSLRAEDTAVYY 95
Db 36 WVRQAPGKLEWVAVISYDGSNKYYADSVKGRFTISRDNKNTLYLQMSLRAEDTAVYY 95

QY 96 CA 97
Db 96 CA 97

RESULT 19
US-10-308-817-65
; Sequence 65, Application US/10308817
; Publication No. US200400019861A1
; GENERAL INFORMATION:
; APPLICANT: Rother, Russell
; APPLICANT: Wu, Dayang
; TITLE OF INVENTION: HYBRID ANTIBODIES
; FILE REFERENCE: 1087-37
; CURRENT APPLICATION NUMBER: US/10/308,817
; CURRENT FILING DATE: 2002-12-03
; NUMBER OF SEQ ID NOS: 195
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 65
; LENGTH: 98
; TYPE: PRT
; ORGANISM: human
US-10-308-817-65

Query Match      53.9%; Score 62; DB 15; Length 98;
Best Local Similarity 100.0%; Pred. No. 2.6e-49;
Matches 62; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 36 WVRQAPGKLEWVAVISYDGSNKYYADSVKGRFTISRDNKNTLYLQMSLRAEDTAVYY 95
Db 36 WVRQAPGKLEWVAVISYDGSNKYYADSVKGRFTISRDNKNTLYLQMSLRAEDTAVYY 95

QY 96 CA 97
Db 96 CA 97

RESULT 20
US-10-032-037B-80
; Sequence 80, Application US/10032037B
; Publication No. US20040001822A1
; GENERAL INFORMATION:
; APPLICANT: Bio-Technology General Corp.
; TITLE OF INVENTION: Y17-ISOLATED MOLECULES COMPRISING EPITOPES CONTAINING SULFATED
; FILE REFERENCE: 10793/44
; CURRENT APPLICATION NUMBER: US/10/032,037B
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: 60/258,948
; PRIOR FILING DATE: 2000-12-29
; NUMBER OF SEQ ID NOS: 204
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; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 80
; LENGTH: 98
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-032-037B-80

Query Match      53.9%; Score 62; DB 15; Length 98;
Best Local Similarity 100.0%; Pred. No. 2.6e-49;
Matches 62; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 36 WVRQAPGKLEWVAVISYDGSNKYYADSVKGRFTISRDNKNTLYLQMSLRAEDTAVYY 95
Db 36 WVRQAPGKLEWVAVISYDGSNKYYADSVKGRFTISRDNKNTLYLQMSLRAEDTAVYY 95

QY 96 CA 97
Db 96 CA 97

RESULT 21
US-10-029-988B-80
; Sequence 80, Application US/10029988B
; Publication No. US20040001839A1
; GENERAL INFORMATION:
; APPLICANT: Bio-Technology General Corp.
; TITLE OF INVENTION: Y17-ISOLATED MOLECULES COMPRISING EPITOPES CONTAINING SULFATED
; FILE REFERENCE: 10793/46
; CURRENT APPLICATION NUMBER: US/10/029,988B
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: 60/258,948
; PRIOR FILING DATE: 2000-12-29
; NUMBER OF SEQ ID NOS: 204
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 80
; LENGTH: 98
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-029-988B-80

Query Match      53.9%; Score 62; DB 15; Length 98;
Best Local Similarity 100.0%; Pred. No. 2.6e-49;
Matches 62; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 36 WVRQAPGKLEWVAVISYDGSNKYYADSVKGRFTISRDNKNTLYLQMSLRAEDTAVYY 95
Db 36 WVRQAPGKLEWVAVISYDGSNKYYADSVKGRFTISRDNKNTLYLQMSLRAEDTAVYY 95

QY 96 CA 97
Db 96 CA 97

RESULT 22
US-10-032-423A-80
; Sequence 80, Application US/10032423A
; Publication No. US20040002450A1
; GENERAL INFORMATION:
; APPLICANT: Bio-Technology General Corp.
; TITLE OF INVENTION: Y17-ISOLATED MOLECULES COMPRISING EPITOPES CONTAINING SULFATED
; FILE REFERENCE: 10793/45
; CURRENT APPLICATION NUMBER: US/10/032,423A
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: 60/258,948
; PRIOR FILING DATE: 12/29/2000
; NUMBER OF SEQ ID NOS: 204
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 80
; LENGTH: 98
; TYPE: PRT
; ORGANISM: Homo sapiens
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US-10-032-423A-80

Query Match 53.9%; Score 62; DB 15; Length 98;
Best Local Similarity 100.0%; Pred. No. 2.6e-49;
Matches 62; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 36 WVRQAPGKLEWAVISYDGSNKYYADSVKGRFTISRDNKNTLYLQMSLRADTAVYY 95
|||
Db 36 WVRQAPGKLEWAVISYDGSNKYYADSVKGRFTISRDNKNTLYLQMSLRADTAVYY 95
QY 96 CA 97
|||
Db 96 CA 97

RESULT 23

US-09-791-153A-63
; Sequence 63, Application US/097911153A
; Publication No. US20030103978A1
; GENERAL INFORMATION:
; APPLICANT: Deshpande, Rajendra
; APPLICANT: Hitz, Anna
; APPLICANT: Boyle, William
; APPLICANT: Sullivan, John
; TITLE OF INVENTION: SELECTIVE BINDING AGENTS OF OSTEOCALCIN BINDING PROTEIN
; FILE REFERENCE: A-633A
; CURRENT APPLICATION NUMBER: US/09/791.153A
; CURRENT FILING DATE: 2001-07-17
; PRIOR APPLICATION NUMBER: 09/511.139
; PRIOR FILING DATE: 2000-02-23
; NUMBER OF SEQ ID NOS: 154
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 63
; LENGTH: 113
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-791-153A-63

Query Match 53.9%; Score 62; DB 10; Length 113;
Best Local Similarity 100.0%; Pred. No. 3e-49;
Matches 62; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 36 WVRQAPGKLEWAVISYDGSNKYYADSVKGRFTISRDNKNTLYLQMSLRADTAVYY 95
|||
Db 36 WVRQAPGKLEWAVISYDGSNKYYADSVKGRFTISRDNKNTLYLQMSLRADTAVYY 95
QY 96 CA 97
|||
Db 96 CA 97

RESULT 24

US-10-078-958-7
; Sequence 7, Application US/10078958
; Publication No. US20030070185A1
; GENERAL INFORMATION:
; APPLICANT: JAKOBOWITS, AYA
; APPLICANT: KUCHERLAPATI, RAJU
; APPLICANT: KLAPHOLZ, SUSAN
; APPLICANT: MENDEZ, MICHAEL J.
; APPLICANT: GREEN, LARRY
; TITLE OF INVENTION: TRANSGENIC MAMMALS HAVING HUMAN Ig LOCUS INCLUDING
; TITLE OF INVENTION: FLURAL Vn AND Vn REGIONS AND ANTIBODIES PRODUCED
; FILE REFERENCE: CELL 4.18 CON
; CURRENT APPLICATION NUMBER: US/10/078.958
; CURRENT FILING DATE: 2002-02-19
; PRIOR APPLICATION NUMBER: 08/759.620
; PRIOR FILING DATE: 1996-12-03
; NUMBER OF SEQ ID NOS: 79
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 7
; LENGTH: 83

; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: MOD_RES
; LOCATION: (22)
; OTHER INFORMATION: Variable amino acid
US-10-078-958-7

Query Match 53.0%; Score 61; DB 14; Length 83;
Best Local Similarity 100.0%; Pred. No. 1.9e-48;
Matches 61; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 38 RQAPGKLEWAVISYDGSNKYYADSVKGRFTISRDNKNTLYLQMSLRADTAVYYCA 97
|||
Db 23 RQAPGKLEWAVISYDGSNKYYADSVKGRFTISRDNKNTLYLQMSLRADTAVYYCA 82

QY 98 R 98
|||
Db 83 R 83

RESULT 25

US-10-453-698-66
; Sequence 66, Application US/10453698
; Publication No. US2004003808A1
; GENERAL INFORMATION:
; APPLICANT: Rother, Russell
; TITLE OF INVENTION: HYBRID ANTIBODIES
; FILE REFERENCE: 82 CIP (1087-37 CIP)
; CURRENT APPLICATION NUMBER: US/10/453.698
; CURRENT FILING DATE: 2003-06-03
; NUMBER OF SEQ ID NOS: 196
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 66
; LENGTH: 98
; TYPE: PRT
; ORGANISM: human
US-10-453-698-66

Query Match 40.0%; Score 46; DB 12; Length 98;
Best Local Similarity 100.0%; Pred. No. 1.3e-34;
Matches 46; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 53 YDGSNKYYADSVKGRFTISRDNKNTLYLQMSLRADTAVYYCAR 98
|||
Db 53 YDGSNKYYADSVKGRFTISRDNKNTLYLQMSLRADTAVYYCAR 98

RESULT 26

US-10-194-975-26
; Sequence 26, Application US/10194975
; Publication No. US20030039649A1
; GENERAL INFORMATION:
; APPLICANT: Foote, Jefferson
; TITLE OF INVENTION: Super Humanized Antibodies
; FILE REFERENCE: 501231.01
; CURRENT APPLICATION NUMBER: US/10/194.975
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: US 60/305,111
; PRIOR FILING DATE: 2001-07-12
; NUMBER OF SEQ ID NOS: 122
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 26
; LENGTH: 98
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-194-975-26

Query Match 40.0%; Score 46; DB 14; Length 98;
Best Local Similarity 100.0%; Pred. No. 1.3e-34;
Matches 46; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 53 YDGSNKYYADSVKGRFTISRDNKNTLYLQMSLRADTAVYYCAR 98

Mon Mar 22 10:05:10 2004

Db 53 YDGSNKYADSVKGRFTISRDNKNTLYLQMSLRADTAVYYCAR 98
|||||

RESULT 27
US-10-041-860-4
; Sequence 4, Application US/10041860
; Publication No. US20030157109A1
; GENERAL INFORMATION:
; APPLICANT: Corvalan, Jose R.F.
; APPLICANT: Jia, Xiao-Chi
; APPLICANT: Feng, Xiao
; APPLICANT: Yang, Xiao-Dong
; APPLICANT: Chen, Francine
; APPLICANT: Gazit, Gadi
; APPLICANT: Weber, Richard
; APPLICANT: Bezabeh, Binyam
; TITLE OF INVENTION: ANTIBODIES DIRECTED TO PDGFD AND USES
; TITLE OF INVENTION: THEREOF
; FILE REFERENCE: ABGENIX.051A
; CURRENT APPLICATION NUMBER: US/10/041,860
; CURRENT FILING DATE: 2002-01-07
; NUMBER OF SEQ ID NOS: 377
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 98
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-041-860-4

Query Match 40.0%; Score 46; DB 14; Length 98;
Best Local Similarity 100.0%; Pred. No. 1.3e-34;
Matches 46; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 53 YDGSNKYADSVKGRFTISRDNKNTLYLQMSLRADTAVYYCAR 98
|||||

Db 53 YDGSNKYADSVKGRFTISRDNKNTLYLQMSLRADTAVYYCAR 98
|||||

RESULT 28
US-10-041-860-283
; Sequence 283, Application US/10041860
; Publication No. US20030157109A1
; GENERAL INFORMATION:
; APPLICANT: Corvalan, Jose R.F.
; APPLICANT: Jia, Xiao-Chi
; APPLICANT: Feng, Xiao
; APPLICANT: Yang, Xiao-Dong
; APPLICANT: Chen, Francine
; APPLICANT: Gazit, Gadi
; APPLICANT: Weber, Richard
; APPLICANT: Bezabeh, Binyam
; TITLE OF INVENTION: ANTIBODIES DIRECTED TO PDGFD AND USES
; TITLE OF INVENTION: THEREOF
; FILE REFERENCE: ABGENIX.051A
; CURRENT APPLICATION NUMBER: US/10/041,860
; CURRENT FILING DATE: 2002-01-07
; NUMBER OF SEQ ID NOS: 377
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 283
; LENGTH: 98
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-041-860-283

Query Match 40.0%; Score 46; DB 14; Length 98;
Best Local Similarity 100.0%; Pred. No. 1.3e-34;
Matches 46; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 53 YDGSNKYADSVKGRFTISRDNKNTLYLQMSLRADTAVYYCAR 98
|||||

Db 53 YDGSNKYADSVKGRFTISRDNKNTLYLQMSLRADTAVYYCAR 98
|||||

RESULT 29
US-10-041-860-284
; Sequence 284, Application US/10041860
; Publication No. US20030157109A1
; GENERAL INFORMATION:
; APPLICANT: Corvalan, Jose R.F.
; APPLICANT: Jia, Xiao-Chi
; APPLICANT: Feng, Xiao
; APPLICANT: Yang, Xiao-Dong
; APPLICANT: Chen, Francine
; APPLICANT: Gazit, Gadi
; APPLICANT: Weber, Richard
; APPLICANT: Bezabeh, Binyam
; TITLE OF INVENTION: ANTIBODIES DIRECTED TO PDGFD AND USES
; TITLE OF INVENTION: THEREOF
; FILE REFERENCE: ABGENIX.051A
; CURRENT APPLICATION NUMBER: US/10/041,860
; CURRENT FILING DATE: 2002-01-07
; NUMBER OF SEQ ID NOS: 377
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 284
; LENGTH: 98
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-041-860-284

Query Match 40.0%; Score 46; DB 14; Length 98;
Best Local Similarity 100.0%; Pred. No. 1.3e-34;
Matches 46; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 53 YDGSNKYADSVKGRFTISRDNKNTLYLQMSLRADTAVYYCAR 98
|||||

Db 53 YDGSNKYADSVKGRFTISRDNKNTLYLQMSLRADTAVYYCAR 98
|||||

RESULT 30
US-10-041-860-307
; Sequence 307, Application US/10041860
; Publication No. US20030157109A1
; GENERAL INFORMATION:
; APPLICANT: Corvalan, Jose R.F.
; APPLICANT: Jia, Xiao-Chi
; APPLICANT: Feng, Xiao
; APPLICANT: Yang, Xiao-Dong
; APPLICANT: Chen, Francine
; APPLICANT: Gazit, Gadi
; APPLICANT: Weber, Richard
; APPLICANT: Bezabeh, Binyam
; TITLE OF INVENTION: ANTIBODIES DIRECTED TO PDGFD AND USES
; TITLE OF INVENTION: THEREOF
; FILE REFERENCE: ABGENIX.051A
; CURRENT APPLICATION NUMBER: US/10/041,860
; CURRENT FILING DATE: 2002-01-07
; NUMBER OF SEQ ID NOS: 377
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 307
; LENGTH: 98
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-041-860-307

Query Match 40.0%; Score 46; DB 14; Length 98;
Best Local Similarity 100.0%; Pred. No. 1.3e-34;
Matches 46; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 53 YDGSNKYADSVKGRFTISRDNKNTLYLQMSLRADTAVYYCAR 98
|||||

Db 53 YDGSNKYADSVKGRFTISRDNKNTLYLQMSLRADTAVYYCAR 98
|||||

Search completed: March 22, 2004, 09:27:50
JOB time : 36.4509 secs

us-09-620-955b-2.rapb

Mon Mar 22 10:05:10 2004

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OM protein - protein search, using sw model

Run on: March 22, 2004, 09:26:25 ; Search time 34.5491 Seconds
(without alignments)
816.986 Million cell updates/sec

Title: US-09-620-955B-4
Perfect score: 109
Sequence: 1 Q8ALQPASVSGSPGOSITRI.....CSSFANSGLPGGRTKTVL 109

Scoring table: OLIGO
Gapop 60.0 , Gapext 60.0

Searched: 1049977 seqs, 258955339 residues

Word size : 0

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Minimum DB seq length: 0

Maximum DB seq length: 115

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- 3: /cgn2_6/ptodata/2/pubpaa/US06_NEW_PUB.pep.*
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- 6: /cgn2_6/ptodata/2/pubpaa/PCTUS_PUBCOMB.pep.*
- 7: /cgn2_6/ptodata/2/pubpaa/US08_NEW_PUB.pep.*
- 8: /cgn2_6/ptodata/2/pubpaa/US08_PUBCOMB.pep.*
- 9: /cgn2_6/ptodata/2/pubpaa/US09A_PUBCOMB.pep.*
- 10: /cgn2_6/ptodata/2/pubpaa/US09B_PUBCOMB.pep.*
- 11: /cgn2_6/ptodata/2/pubpaa/US09C_PUBCOMB.pep.*
- 12: /cgn2_6/ptodata/2/pubpaa/US09_NEW_PUB.pep.*
- 13: /cgn2_6/ptodata/2/pubpaa/US10A_PUBCOMB.pep.*
- 14: /cgn2_6/ptodata/2/pubpaa/US10B_PUBCOMB.pep.*
- 15: /cgn2_6/ptodata/2/pubpaa/US10C_PUBCOMB.pep.*
- 16: /cgn2_6/ptodata/2/pubpaa/US10_NEW_PUB.pep.*
- 17: /cgn2_6/ptodata/2/pubpaa/US60_NEW_PUB.pep.*
- 18: /cgn2_6/ptodata/2/pubpaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	28	25.7	90	14	US-10-125-687-27
2	28	25.7	99	12	US-10-453-698-99
3	28	25.7	99	12	US-10-453-698-101
4	28	25.7	99	15	US-10-308-817-99
5	28	25.7	99	15	US-10-308-817-101
6	28	25.7	110	14	US-10-125-687-13
7	28	25.7	110	14	US-10-269-805-60
8	26	23.9	104	15	US-10-127-890-153
9	26	23.9	104	15	US-10-340-189-17
10	26	23.9	104	15	US-10-325-696-17
11	26	23.9	112	14	US-10-340-233A-31
12	23	21.1	103	14	US-10-026-925-98
13	22	20.2	120	10	US-09-563-222-94
14	21	19.3	50	9	US-09-863-693-14
15	21	19.3	50	9	US-09-863-693-15

16	21	19.3	50	9	US-09-863-693-16	Sequence 16, Appl
17	21	19.3	50	9	US-09-863-693-17	Sequence 17, Appl
18	21	19.3	50	9	US-09-863-693-18	Sequence 18, Appl
19	21	19.3	50	9	US-09-863-693-19	Sequence 19, Appl
20	21	19.3	50	9	US-09-863-693-20	Sequence 20, Appl
21	21	19.3	50	9	US-09-863-693-21	Sequence 21, Appl
22	21	19.3	50	9	US-09-863-693-22	Sequence 22, Appl
23	21	19.3	50	11	US-09-373-403-14	Sequence 14, Appl
24	21	19.3	50	11	US-09-373-403-15	Sequence 15, Appl
25	21	19.3	50	11	US-09-373-403-16	Sequence 16, Appl
26	21	19.3	50	11	US-09-373-403-17	Sequence 17, Appl
27	21	19.3	50	11	US-09-373-403-18	Sequence 18, Appl
28	21	19.3	50	11	US-09-373-403-19	Sequence 19, Appl
29	21	19.3	50	11	US-09-373-403-20	Sequence 20, Appl
30	21	19.3	50	11	US-09-373-403-21	Sequence 21, Appl
31	21	19.3	50	11	US-09-373-403-22	Sequence 22, Appl
32	21	19.3	50	14	US-10-143-437-14	Sequence 14, Appl
33	21	19.3	50	14	US-10-143-437-15	Sequence 15, Appl
34	21	19.3	50	14	US-10-143-437-16	Sequence 16, Appl
35	21	19.3	50	14	US-10-143-437-17	Sequence 17, Appl
36	21	19.3	50	14	US-10-143-437-18	Sequence 18, Appl
37	21	19.3	50	14	US-10-143-437-19	Sequence 19, Appl
38	21	19.3	50	14	US-10-143-437-20	Sequence 20, Appl
39	21	19.3	50	14	US-10-143-437-21	Sequence 21, Appl
40	21	19.3	50	14	US-10-143-437-22	Sequence 22, Appl
41	21	19.3	92	9	US-09-925-299-1047	Sequence 1047, Ap
42	21	19.3	92	10	US-09-925-299-1047	Sequence 1047, Ap
43	21	19.3	97	9	US-09-864-761-39459	Sequence 39459, A
44	21	19.3	110	15	US-10-447-331-2	Sequence 2, Appl
45	21	19.3	114	9	US-09-974-449-8	Sequence 8, Appl
46	20	18.3	99	12	US-10-453-698-100	Sequence 100, App
47	20	18.3	99	15	US-10-308-817-100	Sequence 100, App
48	20	18.3	107	10	US-09-913-238-67	Sequence 67, Appl
49	19	17.4	32	10	US-09-563-222-96	Sequence 96, Appl
50	19	17.4	99	12	US-10-453-698-98	Sequence 98, Appl
51	19	17.4	99	15	US-10-308-817-98	Sequence 98, Appl
52	19	17.4	103	10	US-09-913-238-3	Sequence 3, Appl
53	19	17.4	110	14	US-10-091-300-29	Sequence 29, Appl
54	19	17.4	111	15	US-10-360-828-61	Sequence 61, Appl
55	18	16.5	110	14	US-10-269-805-34	Sequence 34, Appl
56	18	16.5	112	15	US-10-364-743-114	Sequence 114, App
57	17	15.6	104	10	US-09-848-798-68	Sequence 68, Appl
58	17	15.6	108	10	US-09-848-798-68	Sequence 68, Appl
59	15	13.8	99	12	US-10-453-698-97	Sequence 97, Appl
60	15	13.8	99	15	US-10-308-817-97	Sequence 97, Appl
61	14	12.8	111	14	US-10-091-300-41	Sequence 41, Appl
62	14	12.8	112	15	US-10-364-743-51	Sequence 51, Appl
63	13	11.9	110	14	US-10-091-300-39	Sequence 39, Appl
64	12	11.0	82	14	US-10-105-545-32	Sequence 32, Appl
65	12	11.0	97	15	US-10-264-049-4296	Sequence 4296, Ap
66	12	11.0	99	12	US-10-453-698-93	Sequence 93, Appl
67	12	11.0	99	15	US-10-308-817-93	Sequence 93, Appl
68	12	11.0	103	15	US-10-340-189-3	Sequence 3, Appl
69	12	11.0	103	15	US-10-325-696-3	Sequence 3, Appl
70	12	11.0	104	10	US-09-848-798-49	Sequence 49, Appl
71	12	11.0	107	10	US-09-913-238-68	Sequence 68, Appl
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73	12	11.0	110	10	US-09-848-798-65	Sequence 65, Appl
74	12	11.0	111	15	US-10-447-331-1	Sequence 1, Appl
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76	12	11.0	111	14	US-10-091-300-49	Sequence 49, Appl
77	12	11.0	111	14	US-10-269-805-54	Sequence 54, Appl
78	12	11.0	75	14	US-10-078-958-25	Sequence 25, Appl
79	11	10.1	76	9	US-09-187-693-36	Sequence 36, Appl
80	11	10.1	76	14	US-10-078-958-10	Sequence 10, Appl
81	11	10.1	88	9	US-09-905-243-31	Sequence 31, Appl
82	11	10.1	90	9	US-09-864-761-34739	Sequence 34739, A
83	11	10.1	95	9	US-09-158-120A-19	Sequence 19, Appl
84	11	10.1	95	12	US-09-158-120A-33	Sequence 33, Appl
85	11	10.1	95	12	US-10-453-698-3	Sequence 3, Appl
86	11	10.1	95	12	US-10-453-698-4	Sequence 4, Appl
87	11	10.1	95	12	US-10-453-698-10	Sequence 10, Appl
88	11	10.1	95	12	US-10-453-698-11	Sequence 11, Appl

89 11 10.1 95 12 US-10-453-698-19 Sequence 19, Appl
 90 11 10.1 95 14 US-10-194-975-56 Sequence 56, Appl
 91 11 10.1 95 14 US-10-194-975-57 Sequence 57, Appl
 92 11 10.1 95 14 US-10-194-975-63 Sequence 63, Appl
 93 11 10.1 95 14 US-10-194-975-64 Sequence 64, Appl
 94 11 10.1 95 14 US-10-194-975-72 Sequence 72, Appl
 95 11 10.1 95 15 US-10-308-817-3 Sequence 3, Appl
 96 11 10.1 95 15 US-10-308-817-4 Sequence 4, Appl
 97 11 10.1 95 15 US-10-308-817-10 Sequence 10, Appl
 98 11 10.1 95 15 US-10-308-817-11 Sequence 11, Appl
 99 11 10.1 95 15 US-10-308-817-19 Sequence 19, Appl
 100 11 10.1 96 14 US-10-127-890-158 Sequence 158, App

ALIGNMENTS

RESULT 1
 US-10-125-687-27
 ; Sequence 27, Application US/10125687
 ; Publication No. US20030054407A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Luo, Peter
 ; TITLE OF INVENTION: STRUCTURE-BASED CONSTRUCTION OF HUMAN ANTIBODY LIBRARY
 ; FILE REFERENCE: 26050-705
 ; CURRENT APPLICATION NUMBER: US/10/125,687
 ; CURRENT FILING DATE: 2002-04-17
 ; NUMBER OF SEQ ID NOS: 28
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 27
 ; LENGTH: 90
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; US-10-125-687-27

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 Best Local Similarity 100.0%; Pred. No. 2.9e-19;
 Matches 28; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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 Db 1 QSALTQPASVSGSPGQSITISCTGTSSD 28

RESULT 2
 US-10-453-698-99
 ; Sequence 99, Application US/10453698
 ; Publication No. US20040038308A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Rother, Russell
 ; TITLE OF INVENTION: HYBRID ANTIBODIES
 ; FILE REFERENCE: 82 CIP (1087-37 CIP)
 ; CURRENT APPLICATION NUMBER: US/10/453,698
 ; CURRENT FILING DATE: 2003-06-03
 ; NUMBER OF SEQ ID NOS: 196
 ; SOFTWARE: PatentIn version 3.2
 ; SEQ ID NO 99
 ; LENGTH: 99
 ; TYPE: PRT
 ; ORGANISM: human
 ; US-10-453-698-99

Query Match 25.7%; Score 28; DB 12; Length 99;
 Best Local Similarity 100.0%; Pred. No. 3.1e-19;
 Matches 28; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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 Db 1 QSALTQPASVSGSPGQSITISCTGTSSD 28

RESULT 3
 US-10-453-698-101

; Sequence 101, Application US/10453698
 ; Publication No. US20040038308A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Rother, Russell
 ; TITLE OF INVENTION: HYBRID ANTIBODIES
 ; FILE REFERENCE: 82 CIP (1087-37 CIP)
 ; CURRENT APPLICATION NUMBER: US/10/453,698
 ; CURRENT FILING DATE: 2003-06-03
 ; NUMBER OF SEQ ID NOS: 196
 ; SOFTWARE: PatentIn version 3.2
 ; SEQ ID NO 101
 ; LENGTH: 99
 ; TYPE: PRT
 ; ORGANISM: human
 ; US-10-453-698-101

Query Match 25.7%; Score 28; DB 12; Length 99;
 Best Local Similarity 100.0%; Pred. No. 3.1e-19;
 Matches 28; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 QSALTQPASVSGSPGQSITISCTGTSSD 28
 Db 1 QSALTQPASVSGSPGQSITISCTGTSSD 28

RESULT 4
 US-10-308-817-99
 ; Sequence 99, Application US/10308817
 ; Publication No. US20030219861A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Wu, Dayang
 ; TITLE OF INVENTION: HYBRID ANTIBODIES
 ; FILE REFERENCE: 1087-37
 ; CURRENT APPLICATION NUMBER: US/10/308,817
 ; CURRENT FILING DATE: 2002-12-03
 ; NUMBER OF SEQ ID NOS: 195
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 99
 ; LENGTH: 99
 ; TYPE: PRT
 ; ORGANISM: human
 ; US-10-308-817-99

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 Best Local Similarity 100.0%; Pred. No. 3.1e-19;
 Matches 28; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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RESULT 5
 US-10-308-817-101
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 ; Publication No. US20030219861A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Rother, Russell
 ; TITLE OF INVENTION: HYBRID ANTIBODIES
 ; FILE REFERENCE: 1087-37
 ; CURRENT APPLICATION NUMBER: US/10/308,817
 ; CURRENT FILING DATE: 2002-12-03
 ; NUMBER OF SEQ ID NOS: 195
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 101
 ; LENGTH: 99
 ; TYPE: PRT
 ; ORGANISM: human
 ; US-10-308-817-101

Query Match 25.7%; Score 28; DB 15; Length 99;

RESULT 8
US-10-127-890-153
; Sequence 153, Application US/10127890
; Publication No. US20030166196A1
; GENERAL INFORMATION:
; APPLICANT: Better, Marc D.
; Carroll, Stephen F.
;

/ APPLICANT: Studnicka, Gary M.
 / TITLE OF INVENTION: Modified Antibody Variable Domains
 / NUMBER OF SEQUENCES: 89
 / CORRESPONDENCE ADDRESS:
 / ADDRESS: McAndrews, Held & Malloy, Ltd.
 / STREET: 500 W. Madison Street, 34th Floor
 / CITY: Chicago
 / STATE: Illinois

COUNTRY: USA
ZIP: 60661
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/340,189
FILING DATE: 10-Jan-2003
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/245,202A
FILING DATE: <Unknown>
APPLICATION NUMBER: 08/082,842
FILING DATE: 23-JUN-1993
APPLICATION NUMBER: PCT/US92/10906
FILING DATE: 14-DEC-1992
APPLICATION NUMBER: US 07/808,464
FILING DATE: 13-DEC-1991
ATTORNEY/AGENT INFORMATION:
NAME: McNicholas, Janet M.
REGISTRATION NUMBER: 32,918
REFERENCE/DOCKET NUMBER: 11023US07 / 200-71.P2.C2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/707-8889
TELEFAX: 312/707-9155
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 104 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 17:
US-10-340-189-17
Query Match 23.9%; Score 26; DB 15; Length 104;
Best Local Similarity 100.0%; Pred. No. 2.8e-17; Indels 0; Gaps 0;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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DB 2 SALTQPASVSGSPGQSITISCTGTSS 27
RESULT 10
US-10-325-696-17
Sequence 17, Application US/10325696
Publication No. US20040005630A1
GENERAL INFORMATION:
APPLICANT: Studnicka, Gary M.
TITLE OF INVENTION: Modified Antibody Variable Domains
NUMBER OF SEQUENCES: 67
CORRESPONDENCE ADDRESS:
ADDRESSEE: McAndrews, Held & Malloy, Ltd.
STREET: 500 West Madison Street, 34th Floor
CITY: Chicago
STATE: IL
COUNTRY: United States of America
ZIP: 60661
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/325,696
FILING DATE: 18-Dec-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/097,980
FILING DATE: 16-JUN-1998

APPLICATION NUMBER: 08/107,669
FILING DATE: 13-AUG-1993
APPLICATION NUMBER: PCT/US92/10906
FILING DATE: 14-DEC-1992
APPLICATION NUMBER: US 07/808,464
FILING DATE: 13-DEC-1991
ATTORNEY/AGENT INFORMATION:
NAME: Janet M. McNicholas, Ph.D.
REGISTRATION NUMBER: 32,918
REFERENCE/DOCKET NUMBER: 11023US06/200-71.P1.C3
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/707-8889
TELEFAX: 312/707-9050
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 104 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 17:
US-10-325-696-17
Query Match 23.9%; Score 26; DB 15; Length 104;
Best Local Similarity 100.0%; Pred. No. 2.8e-17; Indels 0; Gaps 0;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 2 SALTQPASVSGSPGQSITISCTGTSS 27
DB 2 SALTQPASVSGSPGQSITISCTGTSS 27
RESULT 11
US-10-320-231A-31
Sequence 31, Application US/10320231A
Publication No. US20030194405A1
GENERAL INFORMATION:
APPLICANT: Neben, Steven
APPLICANT: Takeuchi, Toshihiko
APPLICANT: Tomkinson, Adrian
TITLE OF INVENTION: Antibody Inhibiting Stem Cell Factor Activity And Use For
TITLE OF INVENTION: Treatment Of Asthma
FILE REFERENCE: 7430*163
CURRENT APPLICATION NUMBER: US/10/320,231A
CURRENT FILING DATE: 2002-12-19
PRIOR APPLICATION NUMBER: US 60/342,174
PRIOR FILING DATE: 2001-12-17
NUMBER OF SEQ ID NOS: 85
SOFTWARE: Patent in version 3.2
SEQ ID NO 31
LENGTH: 112
TYPE: PRT
ORGANISM: Artificial
FEATURE:
OTHER INFORMATION: synthetic sequence
FEATURE:
NAME/KEY: MISC FEATURE
LOCATION: (93)..(93)
OTHER INFORMATION: Xaa is any amino acid
FEATURE:
NAME/KEY: MISC FEATURE
LOCATION: (95)..(100)
OTHER INFORMATION: each occurrence of Xaa is any amino acid
US-10-320-231A-31
Query Match 23.9%; Score 26; DB 14; Length 112;
Best Local Similarity 100.0%; Pred. No. 3e-17; Indels 0; Gaps 0;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 3 ALTQPASVSGSPGQSITISCTGTSSD 28
DB 3 ALTQPASVSGSPGQSITISCTGTSSD 28

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1 STREET: 1 DNA Way
2 CITY: South San Francisco
3 STATE: California
4 COUNTRY: USA
5 ZIP: 94080
6
7 COMPUTER READABLE FORM:
8 MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
9 COMPUTER: IBM PC compatible
10 OPERATING SYSTEM: PC-DOS/MS-DOS
11 SOFTWARE: WinPatin (Genentech)
12
13 CURRENT APPLICATION DATA:
14 APPLICATION NUMBER: US/09/863,693
15 FILING DATE: 23-May-2001
16 CLASSIFICATION: <Unknown>
17
18 PRIOR APPLICATION DATA:
19 APPLICATION NUMBER: 09/070,166
20 FILING DATE: <Unknown>
21 ATTORNEY/AGENT INFORMATION:
22 NAME: Conley, Deirdre L.
23 REGISTRATION NUMBER: 36,487
24 REFERENCE/DOCKET NUMBER: P1099R1
25
26 TELECOMMUNICATION INFORMATION:
27 TELEPHONE: 650/225-2066
28 TELEFAX: 650/952-9881
29
30 INFORMATION FOR SEQ ID NO: 14:
31 SEQUENCE CHARACTERISTICS:
32 LENGTH: 50 amino acids
33 TYPE: Amino Acid
34 TOPOLOGY: Linear
35
36 SEQUENCE DESCRIPTION: SEQ ID NO: 14:
37 US-09-863-693-14
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39 Query Match 19.3% Score 21; DB 9; Length 50;
40 Best Local Similarity 100.0% Pred. No. 1e-12;
41 Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps
42
43 QY 72 TASTLISGLQAEADYYCSS 92
44 DB 12 TASTLISGLQAEADYYCSS 32
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46 RESULT 15
47 US-09-863-693-15
48 Sequence 15, Application US/09863693
49 Patent No. US2002062010A1
50 GENERAL INFORMATION:
51 APPLICANT: ARATHOON, R.
52 CARTER, P.J.
53 MERCHANT, A.M.
54 PRESTA, L.G.
55
56 TITLE OF INVENTION: METHOD FOR MAKING MULTISPECIFIC ANTIBODIES
57 HAVING HETEROMULTIMERIC AND COMMON COMPONENTS
58
59 NUMBER OF SEQUENCES: 26
60 CORRESPONDENCE ADDRESS:
61 ADDRESSEE: Genentech, Inc.
62 STREET: 1 DNA Way
63 CITY: South San Francisco
64 STATE: California
65 COUNTRY: USA
66 ZIP: 94080
67
68 COMPUTER READABLE FORM:
69 MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
70 COMPUTER: IBM PC compatible
71 OPERATING SYSTEM: PC-DOS/MS-DOS
72 SOFTWARE: WinPatin (Genentech)
73
74 CURRENT APPLICATION DATA:
75 APPLICATION NUMBER: US/09/863,693
76 FILING DATE: 23-May-2001
77 CLASSIFICATION: <Unknown>
78
79 PRIOR APPLICATION DATA:
80 APPLICATION NUMBER: 09/070,166
81 FILING DATE: <Unknown>
82 ATTORNEY/AGENT INFORMATION:

```

NAME: Conley, Deirdre L.
REGISTRATION NUMBER: 36,487
REFERENCE/DOCKET NUMBER: P1099R1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650/225-2066
TELEFAX: 650/952-9881
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 50 amino acids
TYPE: Amino Acid
TOPOLOGY: Linear
SEQUENCE DESCRIPTION: SEQ ID NO: 15:
US-09-863-693-15

Query Match 19.3%; Score 21; DB 9; Length 50;
Best Local Similarity 100.0%; Pred. No. 1e-12;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 72 TASLTISGLQAEADYYCSS 92
DB 12 TASLTISGLQAEADYYCSS 32

RESULT 16

US-09-863-693-16
; Sequence 16, Application US/09863693
; Patent No. US20020062010A1
; GENERAL INFORMATION:
; APPLICANT: ARATHOON, R.
; CARTER, P.J.
; MERCHANT, A.M.
; PRESTA, L.G.

TITLE OF INVENTION: METHOD FOR MAKING MULTISPECIFIC ANTIBODIES
HAVING HETEROMULTIMERIC AND COMMON COMPONENTS

NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genentech, Inc.
STREET: 1 DNA Way
CITY: South San Francisco
STATE: California
COUNTRY: USA
ZIP: 94080

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WinPatIn (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/863,693
FILING DATE: 23-May-2001
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/070,166
FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:
NAME: Conley, Deirdre L.
REGISTRATION NUMBER: 36,487
REFERENCE/DOCKET NUMBER: P1099R1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650/225-2066
TELEFAX: 650/952-9881

INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 50 amino acids
TYPE: Amino Acid
TOPOLOGY: Linear
SEQUENCE DESCRIPTION: SEQ ID NO: 16:

US-09-863-693-16

Query Match 19.3%; Score 21; DB 9; Length 50;
Best Local Similarity 100.0%; Pred. No. 1e-12;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 72 TASLTISGLQAEADYYCSS 92
DB 12 TASLTISGLQAEADYYCSS 32

RESULT 17

US-09-863-693-17
; Sequence 17, Application US/09863693
; Patent No. US20020062010A1
; GENERAL INFORMATION:
; APPLICANT: ARATHOON, R.
; CARTER, P.J.
; MERCHANT, A.M.
; PRESTA, L.G.

TITLE OF INVENTION: METHOD FOR MAKING MULTISPECIFIC ANTIBODIES
HAVING HETEROMULTIMERIC AND COMMON COMPONENTS

NUMBER OF SEQUENCES: 26

CORRESPONDENCE ADDRESS:

ADDRESSEE: Genentech, Inc.
STREET: 1 DNA Way
CITY: South San Francisco
STATE: California
COUNTRY: USA
ZIP: 94080

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WinPatIn (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/863,693
FILING DATE: 23-May-2001
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/070,166
FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:
NAME: Conley, Deirdre L.
REGISTRATION NUMBER: 36,487
REFERENCE/DOCKET NUMBER: P1099R1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650/225-2066
TELEFAX: 650/952-9881

INFORMATION FOR SEQ ID NO: 17:

SEQUENCE CHARACTERISTICS:
LENGTH: 50 amino acids
TYPE: Amino Acid
TOPOLOGY: Linear
SEQUENCE DESCRIPTION: SEQ ID NO: 17:

US-09-863-693-17

Query Match 19.3%; Score 21; DB 9; Length 50;
Best Local Similarity 100.0%; Pred. No. 1e-12; 0; Indels 0; Gaps 0;
Matches 21; Conservative 0; Mismatches 0;

QY 72 TASLTISGLQAEADYYCSS 92
DB 12 TASLTISGLQAEADYYCSS 32

RESULT 18

US-09-863-693-18
; Sequence 18, Application US/09863693
; Patent No. US20020062010A1
; GENERAL INFORMATION:
; APPLICANT: ARATHOON, R.
; CARTER, P.J.
; MERCHANT, A.M.
; PRESTA, L.G.

TITLE OF INVENTION: METHOD FOR MAKING MULTISPECIFIC ANTIBODIES
HAVING HETEROMULTIMERIC AND COMMON COMPONENTS

NUMBER OF SEQUENCES: 26

CORRESPONDENCE ADDRESS:

; ADDRESSEE: Genentech, Inc.
 ; STREET: 1 DNA Way
 ; CITY: South San Francisco
 ; STATE: California
 ; COUNTRY: USA
 ; ZIP: 94080
 ;
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: WinPatIn (Genentech)
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/863,693
 ; FILING DATE: 23-May-2001
 ; CLASSIFICATION: <Unknown>
 ;
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/070,166
 ; FILING DATE: <Unknown>
 ;
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Conley, Deirdre L.
 ; REGISTRATION NUMBER: 36,487
 ; REFERENCE/DOCKET NUMBER: P1099R1
 ; TELEPHONE: 650/225-2066
 ; TELEFAX: 650/952-9881
 ;
 ; INFORMATION FOR SEQ ID NO: 18:
 ; LENGTH: 50 amino acids
 ; TYPE: Amino Acid
 ; TOPOLOGY: Linear
 ; SEQUENCE DESCRIPTION: SEQ ID NO: 18:
 ;
 ; US-09-863-693-18

Query Match 19.3%; Score 21; DB 9; Length 50;
 Best Local Similarity 100.0%; Pred. No. 1e-12;
 Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 72 TASLTISGLQAEDEADYYCSS 92
 DB 12 TASLTISGLQAEDEADYYCSS 32

RESULT 19
 US-09-863-693-19
 ; Sequence 19, Application US/09863693
 ; Patent No. US20020062010A1
 ; GENERAL INFORMATION:
 ; APPLICANT: ARATHOON, R.
 ; CARTER, P.J.
 ; MERCHANT, A.M.
 ; PRESTA, L.G.
 ;
 ; TITLE OF INVENTION: METHOD FOR MAKING MULTISPECIFIC ANTIBODIES
 ;
 ; NUMBER OF SEQUENCES: 26
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Genentech, Inc.
 ; STREET: 1 DNA Way
 ; CITY: South San Francisco
 ; STATE: California
 ; COUNTRY: USA
 ; ZIP: 94080
 ;
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: WinPatIn (Genentech)
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/863,693
 ; FILING DATE: 23-May-2001
 ; CLASSIFICATION: <Unknown>
 ;
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/070,166
 ; FILING DATE: <Unknown>

; ATTORNEY/AGENT INFORMATION:
 ; NAME: Conley, Deirdre L.
 ; REGISTRATION NUMBER: 36,487
 ; REFERENCE/DOCKET NUMBER: P1099R1
 ; TELEPHONE: 650/225-2066
 ; TELEFAX: 650/952-9881
 ;
 ; INFORMATION FOR SEQ ID NO: 19:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 50 amino acids
 ; TYPE: Amino Acid
 ; TOPOLOGY: Linear
 ; SEQUENCE DESCRIPTION: SEQ ID NO: 19:
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 ; US-09-863-693-19

Query Match 19.3%; Score 21; DB 9; Length 50;
 Best Local Similarity 100.0%; Pred. No. 1e-12;
 Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 72 TASLTISGLQAEDEADYYCSS 92
 DB 12 TASLTISGLQAEDEADYYCSS 32

RESULT 20
 US-09-863-693-20
 ; Sequence 20, Application US/09863693
 ; Patent No. US20020062010A1
 ; GENERAL INFORMATION:
 ; APPLICANT: ARATHOON, R.
 ; CARTER, P.J.
 ; MERCHANT, A.M.
 ; PRESTA, L.G.
 ;
 ; TITLE OF INVENTION: METHOD FOR MAKING MULTISPECIFIC ANTIBODIES
 ;
 ; NUMBER OF SEQUENCES: 26
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Genentech, Inc.
 ; STREET: 1 DNA Way
 ; CITY: South San Francisco
 ; STATE: California
 ; COUNTRY: USA
 ; ZIP: 94080
 ;
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: WinPatIn (Genentech)
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/863,693
 ; FILING DATE: 23-May-2001
 ; CLASSIFICATION: <Unknown>
 ;
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/070,166
 ; FILING DATE: <Unknown>
 ;
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Conley, Deirdre L.
 ; REGISTRATION NUMBER: 36,487
 ; REFERENCE/DOCKET NUMBER: P1099R1
 ; TELEPHONE: 650/225-2066
 ; TELEFAX: 650/952-9881
 ;
 ; INFORMATION FOR SEQ ID NO: 20:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 50 amino acids
 ; TYPE: Amino Acid
 ; TOPOLOGY: Linear
 ; SEQUENCE DESCRIPTION: SEQ ID NO: 20:
 ;
 ; US-09-863-693-20

Query Match 19.3%; Score 21; DB 9; Length 50;
 Best Local Similarity 100.0%; Pred. No. 1e-12;
 Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 72 TASLTISGLQAEDEADYYCSS 92
 DB 12 TASLTISGLQAEDEADYYCSS 32

RESULT 20
 US-09-863-693-20
 ; Sequence 20, Application US/09863693
 ; Patent No. US20020062010A1
 ; GENERAL INFORMATION:
 ; APPLICANT: ARATHOON, R.
 ; CARTER, P.J.
 ; MERCHANT, A.M.
 ; PRESTA, L.G.
 ;
 ; TITLE OF INVENTION: METHOD FOR MAKING MULTISPECIFIC ANTIBODIES
 ;
 ; NUMBER OF SEQUENCES: 26
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Genentech, Inc.
 ; STREET: 1 DNA Way
 ; CITY: South San Francisco
 ; STATE: California
 ; COUNTRY: USA
 ; ZIP: 94080
 ;
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: WinPatIn (Genentech)
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/863,693
 ; FILING DATE: 23-May-2001
 ; CLASSIFICATION: <Unknown>
 ;
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/070,166
 ; FILING DATE: <Unknown>

QY 72 TASLTISGLQAEADYYCSS 92
|||||
Db 12 TASLTISGLQAEADYYCSS 32

RESULT 21

US-09-863-693-21
; Sequence 21, Application US/09863693
; Patent No. US20020062010A1
; GENERAL INFORMATION:
; APPLICANT: ARATHOON, R.
; CARTER, P.J.
; MERCHANT, A.M.
; PRESTA, L.G.
; TITLE OF INVENTION: METHOD FOR MAKING MULTISPECIFIC ANTIBODIES
; HAVING HETEROMULTIMERIC AND COMMON COMPONENTS
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 1 DNA Way
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WinPatIn (Genentech)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/863,693
FILING DATE: 23-May-2001
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/070,166
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:

NAME: Conley, Deirdre L.
REGISTRATION NUMBER: 36,487

REFERENCE/DOCKET NUMBER: P1099R1

TELECOMMUNICATION INFORMATION:

TELEPHONE: 650/225-2066

TELEFAX: 650/952-9881

INFORMATION FOR SEQ ID NO: 21:

SEQUENCE CHARACTERISTICS:

LENGTH: 50 amino acids

TYPE: Amino Acid

TOPOLOGY: Linear

SEQUENCE DESCRIPTION: SEQ ID NO: 21:

US-09-863-693-21

Query Match 19.3%; Score 21; DB 9; Length 50;
Best Local Similarity 100.0%; Pred. No. 1e-12;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 72 TASLTISGLQAEADYYCSS 92
|||||
Db 12 TASLTISGLQAEADYYCSS 32

RESULT 22

US-09-863-693-22
; Sequence 22, Application US/09863693
; Patent No. US20020062010A1
; GENERAL INFORMATION:
; APPLICANT: ARATHOON, R.
; CARTER, P.J.
; MERCHANT, A.M.
; PRESTA, L.G.

US-09-863-693-22
; TITLE OF INVENTION: METHOD FOR MAKING MULTISPECIFIC ANTIBODIES
; HAVING HETEROMULTIMERIC AND COMMON COMPONENTS
; NUMBER OF SEQUENCES: 26

CORRESPONDENCE ADDRESS:

ADDRESSEE: Genentech, Inc.
STREET: 1 DNA Way
CITY: South San Francisco
STATE: California
COUNTRY: USA
ZIP: 94080

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WinPatIn (Genentech)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/863,693
FILING DATE: 23-May-2001
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/070,166
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:

NAME: Conley, Deirdre L.
REGISTRATION NUMBER: 36,487

REFERENCE/DOCKET NUMBER: P1099R1

TELECOMMUNICATION INFORMATION:

TELEPHONE: 650/225-2066

TELEFAX: 650/952-9881

INFORMATION FOR SEQ ID NO: 22:

SEQUENCE CHARACTERISTICS:

LENGTH: 50 amino acids

TYPE: Amino Acid

TOPOLOGY: Linear

SEQUENCE DESCRIPTION: SEQ ID NO: 22:

US-09-863-693-22

Query Match 19.3%; Score 21; DB 9; Length 50;
Best Local Similarity 100.0%; Pred. No. 1e-12;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 72 TASLTISGLQAEADYYCSS 92
|||||
Db 12 TASLTISGLQAEADYYCSS 32

RESULT 23

US-09-373-403-14
; Sequence 14, Application US/09373403
; Publication No. US20030207346A1
; GENERAL INFORMATION:
; APPLICANT: ARATHOON, W. R.
; APPLICANT: CARTER, P.J.
; APPLICANT: MERCHANT, A.M.
; APPLICANT: PRESTA, L.G.
; TITLE OF INVENTION: METHOD FOR MAKING MULTISPECIFIC ANTIBODIES HAVING
; HETEROMULTIMERIC AND COMMON COMPONENTS
; FILE REFERENCE: P1099C1 a
; CURRENT APPLICATION NUMBER: US/09/373,403
; CURRENT FILING DATE: 1999-08-12
; PRIOR APPLICATION NUMBER: US 08/850,058
; PRIOR FILING DATE: 1997-05-02
; NUMBER OF SEQ ID NOS: 26
; SEQ ID NO 14
; LENGTH: 50
; TYPE: PRT
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Recombinant

US-09-373-403-14
Query Match 19.3%; Score 21; DB 11; Length 50;
Best Local Similarity 100.0%; Pred. No. 1e-12;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 72 TASLTISGLQAEADYYCSS 92

Db 12 TASLTISGLQAEADYYCSS 32
|||||

RESULT 24

US-09-373-403-15
; Sequence 15, Application US/09373403
; Publication No. US20030207346A1
; GENERAL INFORMATION:
; APPLICANT: ARATHOON, W. R.
; APPLICANT: CARTER, P.J.
; APPLICANT: MERCHANT, A.M.
; APPLICANT: PRESTA, L.G.
; TITLE OF INVENTION: METHOD FOR MAKING MULTISPECIFIC ANTIBODIES HAVING
; TITLE OF INVENTION: HETEROMULTIMERIC AND COMMON COMPONENTS
; FILE REFERENCE: P1099C1 a
; CURRENT APPLICATION NUMBER: US/09/373,403
; CURRENT FILING DATE: 1999-08-12
; PRIOR APPLICATION NUMBER: US 08/850,058
; PRIOR FILING DATE: 1997-05-02
; NUMBER OF SEQ ID NOS: 26
; SEQ ID NO 15
; LENGTH: 50
; TYPE: PRT
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Recombinant
US-09-373-403-15

Query Match 19.3%; Score 21; DB 11; Length 50;
Best Local Similarity 100.0%; Pred. No. 1e-12;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 72 TASLTISGLQAEADYYCSS 92
|||||
Db 12 TASLTISGLQAEADYYCSS 32
|||||

RESULT 25

US-09-373-403-16
; Sequence 16, Application US/09373403
; Publication No. US20030207346A1
; GENERAL INFORMATION:
; APPLICANT: ARATHOON, W. R.
; APPLICANT: CARTER, P.J.
; APPLICANT: MERCHANT, A.M.
; APPLICANT: PRESTA, L.G.
; TITLE OF INVENTION: METHOD FOR MAKING MULTISPECIFIC ANTIBODIES HAVING
; TITLE OF INVENTION: HETEROMULTIMERIC AND COMMON COMPONENTS
; FILE REFERENCE: P1099C1 a
; CURRENT APPLICATION NUMBER: US/09/373,403
; CURRENT FILING DATE: 1999-08-12
; PRIOR APPLICATION NUMBER: US 08/850,058
; PRIOR FILING DATE: 1997-05-02
; NUMBER OF SEQ ID NOS: 26
; SEQ ID NO 16
; LENGTH: 50
; TYPE: PRT
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Recombinant
US-09-373-403-16

Query Match 19.3%; Score 21; DB 11; Length 50;
Best Local Similarity 100.0%; Pred. No. 1e-12;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 72 TASLTISGLQAEADYYCSS 92
|||||
Db 12 TASLTISGLQAEADYYCSS 32
|||||

RESULT 26

US-09-373-403-17
; Sequence 17, Application US/09373403
; Publication No. US20030207346A1
; GENERAL INFORMATION:
; APPLICANT: ARATHOON, W. R.
; APPLICANT: CARTER, P.J.
; APPLICANT: MERCHANT, A.M.
; APPLICANT: PRESTA, L.G.
; TITLE OF INVENTION: METHOD FOR MAKING MULTISPECIFIC ANTIBODIES HAVING
; TITLE OF INVENTION: HETEROMULTIMERIC AND COMMON COMPONENTS
; FILE REFERENCE: P1099C1 a
; CURRENT APPLICATION NUMBER: US/09/373,403
; CURRENT FILING DATE: 1999-08-12
; PRIOR APPLICATION NUMBER: US 08/850,058
; PRIOR FILING DATE: 1997-05-02
; NUMBER OF SEQ ID NOS: 26
; SEQ ID NO 17
; LENGTH: 50
; TYPE: PRT
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Recombinant
US-09-373-403-17

Query Match 19.3%; Score 21; DB 11; Length 50;
Best Local Similarity 100.0%; Pred. No. 1e-12;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 72 TASLTISGLQAEADYYCSS 92
|||||
Db 12 TASLTISGLQAEADYYCSS 32
|||||

RESULT 27

US-09-373-403-18
; Sequence 18, Application US/09373403
; Publication No. US20030207346A1
; GENERAL INFORMATION:
; APPLICANT: ARATHOON, W. R.
; APPLICANT: CARTER, P.J.
; APPLICANT: MERCHANT, A.M.
; APPLICANT: PRESTA, L.G.
; TITLE OF INVENTION: METHOD FOR MAKING MULTISPECIFIC ANTIBODIES HAVING
; TITLE OF INVENTION: HETEROMULTIMERIC AND COMMON COMPONENTS
; FILE REFERENCE: P1099C1 a
; CURRENT APPLICATION NUMBER: US/09/373,403
; CURRENT FILING DATE: 1999-08-12
; PRIOR APPLICATION NUMBER: US 08/850,058
; PRIOR FILING DATE: 1997-05-02
; NUMBER OF SEQ ID NOS: 26
; SEQ ID NO 18
; LENGTH: 50
; TYPE: PRT
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Recombinant
US-09-373-403-18

Query Match 19.3%; Score 21; DB 11; Length 50;
Best Local Similarity 100.0%; Pred. No. 1e-12;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 72 TASLTISGLQAEADYYCSS 92
|||||
Db 12 TASLTISGLQAEADYYCSS 32
|||||

RESULT 28

US-09-373-403-19
; Sequence 19, Application US/09373403
; Publication No. US20030207346A1
; GENERAL INFORMATION:
; APPLICANT: ARATHOON, W. R.

```
; APPLICANT: CARTER, P. J.
; APPLICANT: MERCHANT, A.M.
; APPLICANT: PRESTA, L.G.
; TITLE OF INVENTION: METHOD FOR MAKING MULTISPECIFIC ANTIBODIES HAVING
; TITLE OF INVENTION: HETEROMULTIMERIC AND COMMON COMPONENTS
; FILE REFERENCE: P1099C1 a
; CURRENT APPLICATION NUMBER: US/09/373,403
; CURRENT FILING DATE: 1999-08-12
; PRIOR APPLICATION NUMBER: US 08/850,058
; PRIOR FILING DATE: 1997-05-02
; NUMBER OF SEQ ID NOS: 26
; SEQ ID NO 19
; LENGTH: 50
; TYPE: PRT
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Recombinant
US-09-373-403-19

Query Match      19.3%; Score 21; DB 11; Length 50;
Best Local Similarity 100.0%; Pred. No. 1e-12;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 72 TASLTISGLQAEDEADYYCSS 92
Db 12 TASLTISGLQAEDEADYYCSS 32

RESULT 29
US-09-373-403-20
; Sequence 20, Application US/09373403
; Publication No. US20030207346A1
; GENERAL INFORMATION:
; APPLICANT: ARATHOON, W. R.
; APPLICANT: CARTER, P.J.
; APPLICANT: MERCHANT, A.M.
; APPLICANT: PRESTA, L.G.
; TITLE OF INVENTION: METHOD FOR MAKING MULTISPECIFIC ANTIBODIES HAVING
; TITLE OF INVENTION: HETEROMULTIMERIC AND COMMON COMPONENTS
; FILE REFERENCE: P1099C1 a
; CURRENT APPLICATION NUMBER: US/09/373,403
; CURRENT FILING DATE: 1999-08-12
; PRIOR APPLICATION NUMBER: US 08/850,058
; PRIOR FILING DATE: 1997-05-02
; NUMBER OF SEQ ID NOS: 26
; SEQ ID NO 20
; LENGTH: 50
; TYPE: PRT
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Recombinant
; NAME/KEY: Unsure
; LOCATION: 9
; OTHER INFORMATION: Unknown amino acid
US-09-373-403-20

Query Match      19.3%; Score 21; DB 11; Length 50;
Best Local Similarity 100.0%; Pred. No. 1e-12;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 72 TASLTISGLQAEDEADYYCSS 92
Db 12 TASLTISGLQAEDEADYYCSS 32

RESULT 30
US-09-373-403-21
; Sequence 21, Application US/09373403
; Publication No. US20030207346A1
; GENERAL INFORMATION:
; APPLICANT: ARATHOON, W. R.
; APPLICANT: CARTER, P.J.
; APPLICANT: MERCHANT, A.M.
```

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; APPLICANT: PRESTA, L.G.
; TITLE OF INVENTION: METHOD FOR MAKING MULTISPECIFIC ANTIBODIES HAVING
; TITLE OF INVENTION: HETEROMULTIMERIC AND COMMON COMPONENTS
; FILE REFERENCE: P1099C1 a
; CURRENT APPLICATION NUMBER: US/09/373,403
; CURRENT FILING DATE: 1999-08-12
; PRIOR APPLICATION NUMBER: US 08/850,058
; PRIOR FILING DATE: 1997-05-02
; NUMBER OF SEQ ID NOS: 26
; SEQ ID NO 21
; LENGTH: 50
; TYPE: PRT
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Recombinant
US-09-373-403-21
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Query Match 19.3%; Score 21; DB 11; Length 50;
Best Local Similarity 100.0%; Pred. No. 1e-12;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 72 TASLTISGLQAEDEADYYCSS 92
Db 12 TASLTISGLQAEDEADYYCSS 32

Search completed: March 22, 2004, 09:27:51
Job time : 35.5491 secs

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OM protein - protein search, using sw model

Run on: March 22, 2004, 09:27:35 ; Search time 43 Seconds
(without alignments)
1439.310 Million cell updates/sec

Title: US-09-620-955B-6

Perfect score: 1250

Sequence: 1 QVQLQSGGLVQPGSLRL.....CSSFANSGLFGGFKTVNL 239

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1049977 seqs, 258955339 residues

Total number of hits satisfying chosen parameters: 1049977

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 100 summaries

Database : Published Applications AA:*

- 1: /cgn2_6/ptodata/2/pubaa/US07_PUBCOMB.pep.*
- 2: /cgn2_6/ptodata/2/pubaa/PCT_NEW_PUB.pep.*
- 3: /cgn2_6/ptodata/2/pubaa/US06_NEW_PUB.pep.*
- 4: /cgn2_6/ptodata/2/pubaa/US06_PUBCOMB.pep.*
- 5: /cgn2_6/ptodata/2/pubaa/US07_NEW_PUB.pep.*
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- 7: /cgn2_6/ptodata/2/pubaa/US08_NEW_PUB.pep.*
- 8: /cgn2_6/ptodata/2/pubaa/US08_PUBCOMB.pep.*
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- 10: /cgn2_6/ptodata/2/pubaa/US09B_PUBCOMB.pep.*
- 11: /cgn2_6/ptodata/2/pubaa/US09C_PUBCOMB.pep.*
- 12: /cgn2_6/ptodata/2/pubaa/US09_NEW_PUB.pep.*
- 13: /cgn2_6/ptodata/2/pubaa/US10A_PUBCOMB.pep.*
- 14: /cgn2_6/ptodata/2/pubaa/US10B_PUBCOMB.pep.*
- 15: /cgn2_6/ptodata/2/pubaa/US10C_PUBCOMB.pep.*
- 16: /cgn2_6/ptodata/2/pubaa/US10_NEW_PUB.pep.*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	1110	88.8	254	10	US-09-880-748-983
2	1106	88.5	256	10	US-09-880-748-839
3	1097	87.8	252	10	US-09-880-748-1627
4	1096	87.6	254	10	US-09-880-748-981
5	1095.5	87.6	241	10	US-09-880-748-2055
6	1093	87.4	252	10	US-09-880-748-956
7	1089.5	87.2	251	10	US-09-880-748-955
8	1089.5	87.2	251	10	US-09-880-748-1317
9	1088.5	87.1	251	10	US-09-880-748-1114
10	1084.5	86.8	253	10	US-09-880-748-1003
11	1082.5	86.6	251	10	US-09-880-748-1332
12	1079	86.3	254	10	US-09-880-748-1701
13	1079	86.3	254	10	US-09-880-748-1759
14	1078	86.2	256	10	US-09-880-748-1352
15	1077.5	86.2	253	10	US-09-880-748-989
					Sequence 983, App
					Sequence 839, App
					Sequence 1627, App
					Sequence 981, App
					Sequence 2055, App
					Sequence 956, App
					Sequence 955, App
					Sequence 1317, App
					Sequence 1114, App
					Sequence 1003, App
					Sequence 1332, App
					Sequence 1701, App
					Sequence 1759, App
					Sequence 1352, App
					Sequence 989, App

Sequence 881, App
Sequence 1007, App
Sequence 1910, App
Sequence 977, App
Sequence 2047, App
Sequence 1428, App
Sequence 1449, App
Sequence 1735, App
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Sequence 1634, App
Sequence 1782, App
Sequence 923, App
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Sequence 1319, App
Sequence 1637, App
Sequence 1302, App
Sequence 1739, App
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Sequence 1613, App
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Sequence 1884, App
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Sequence 1180, App
Sequence 1398, App
Sequence 1006, App
Sequence 1814, App
Sequence 1195, App
Sequence 1197, App
Sequence 1608, App
Sequence 1002, App
Sequence 854, App
Sequence 1289, App
Sequence 880, App
Sequence 1089, App
Sequence 1094, App
Sequence 1625, App
Sequence 1432, App
Sequence 1093, App
Sequence 1096, App
Sequence 1379, App
Sequence 1399, App
Sequence 1098, App
Sequence 885, App
Sequence 1100, App

Sequence 2050, Ap
Sequence 1186, Ap
Sequence 1196, Ap
Sequence 1101, Ap
Sequence 1097, Ap
Sequence 1171, Ap
Sequence 1044, Ap
Sequence 1604, Ap
Sequence 1295, Ap
Sequence 1427, Ap
Sequence 11, Appl
Sequence 11, Appl

89 1021 81.7 240 10 US-09-880-748-2050
90 1021 81.7 254 10 US-09-880-748-1186
91 1021 81.7 254 10 US-09-880-748-1196
92 1020.5 81.6 253 10 US-09-880-748-1101
93 1019.5 81.6 253 10 US-09-880-748-1097
94 1018.5 81.5 251 10 US-09-880-748-1171
95 1018.5 81.5 253 10 US-09-880-748-1044
96 1018 81.4 256 10 US-09-880-748-1604
97 1017 81.4 254 10 US-09-880-748-1295
98 1017 81.4 254 10 US-09-880-748-1427
99 1015.5 81.2 310 13 US-09-880-748-11
100 1015.5 81.2 310 14 US-10-288-917-11

ALIGNMENTS

RESULT 1

US-09-880-748-983
; Sequence 983, Application US/09880748
; Publication No. US2003005937A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; FILE OF INVENTION: Antibodies that Immunospecifically Bind Blys
; FILE REFERENCE: PF523
; CURRENT APPLICATION NUMBER: US/09/880,748
; CURRENT FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/212,210
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/240,816
; PRIOR FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: 60/276,248
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/277,379
; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/293,499
; PRIOR FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 3239
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 983
; LENGTH: 254
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-880-748-983

Query Match 88.8%; Score 1110; DB 10; Length 254;
Best Local Similarity 84.2%; Pred. No. 9.5e-73;
Matches 213; Conservative 14; Mismatches 12; Indels 14; Gaps 2;

QY 1 QVQLQESGGGLVQPGGSLRLSCAASGFTFSSYSMSWVRQAPGKGLEWVAVISYDGSNKYY 60
DB 1 QVQLQESGGGVVQGRSLRLSCAASGFTFSSYAMHWVRQAPGKLEWVAVISYDGSNKYY 60
QY 61 ADSVKGRTISRDNSKNTLYLQNSLRAEDTAVYICARDR-----YFDLMGR 107
DB 61 ADSVKGRTISRDNSKNTLYLQNSLRAEDTAVYICAREEGFYDILTYGPGYDYWGK 120
QY 108 GTLVTVSSGGGGGGGGGSGQSALTQPSVSGSPGQSITISCTGSSDYGAVYVSW 167
DB 121 GTVTVSSGGGGGGGGGSGGGSQSVLTQPSVSGSPGQSITISCTGSSDVGNNYVSW 180
QY 168 YQOYPGKAPKLLIYDVSNRPSGINSRFGSKSGDTSITISGLQAEADYYCSSF-ANS 226
DB 181 YQOHPGKAPKLMIEYEGSKRPSGVNRFSGSKSGNTASLTISGLQAEADYYCSTYTR 240
QY 227 GPLFGGKTKTVL 239
DB 241 TRVFGGKTKTVL 253

RESULT 2

US-09-880-748-839
; Sequence 839, Application US/09880748

Publication No. US2003005937A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; FILE OF INVENTION: Antibodies that Immunospecifically Bind Blys
; FILE REFERENCE: PF523
; CURRENT APPLICATION NUMBER: US/09/880,748
; CURRENT FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/212,210
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/240,816
; PRIOR FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: 60/276,248
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/277,379
; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/293,499
; PRIOR FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 3239
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 839
; LENGTH: 256
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-880-748-839

Query Match 88.5%; Score 1106; DB 10; Length 256;
Best Local Similarity 83.9%; Pred. No. 1.9e-72;
Matches 213; Conservative 12; Mismatches 13; Indels 16; Gaps 2;

QY 2 VQLQESGGGLVQPGGSLRLSCAASGFTFSSYSMSWVRQAPGKLEWVAVISYDGSNKYYA 61
DB 2 VQLVQSGGGVQPGGSLRLSCAASGFTFSSYGMHWVRQAPGKLEWVAVISYDGSNKYYA 61
QY 62 DSVKGRFTISRDNSKNTLYLQNSLRAEDTAVYICARDR-----YFDLMG 106
DB 62 DSVKGRFTISRDNSKNTLYLQNSLRAEDTAVYICARDREAYDILTYLYLYYMDVWG 121
QY 107 RGLTVTVSSGGGGGGGSGGSGQSALTQPSVSGSPGQSITISCTGSSDYGAVYVSW 166
DB 122 RGTTVTVSSGGGGGGGSGGSGQSALTQPSVSGSPGQSITISCTGSSDVGNNYVSW 181
QY 167 YQOYPGKAPKLLIYDVSNRPSGINSRFGSKSGDTSITISGLQAEADYYCSSF-AN 225
DB 182 YQOHPGKAPKLMIEYEGSKRPSGVNRFSGSKSGNTASLTISGLQAEADYYCSTYTTG 241
QY 226 SGPLFGGKTKTVL 239
DB 242 STRVFGGKTKTVL 255

RESULT 3

US-09-880-748-1627
; Sequence 1627, Application US/09880748
; Publication No. US2003005937A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; FILE OF INVENTION: Antibodies that Immunospecifically Bind Blys
; FILE REFERENCE: PF523
; CURRENT APPLICATION NUMBER: US/09/880,748
; CURRENT FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/212,210
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/240,816
; PRIOR FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: 60/276,248
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/277,379
; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/293,499
; NUMBER OF SEQ ID NOS: 3239
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1627

; LENGTH: 252
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-880-748-1627

Query Match 87.8%; Score 1097; DB 10; Length 252;
Best Local Similarity 84.5%; Pred. No. 8.2e-72;
Matches 212; Conservative 12; Mismatches 15; Indels 12; Gaps 2;

QY 1 QVQLQESGGGLVQPGGSLRLSCAASGFTFSSYSMSWVRQAPGKLEWVAIVSYDGSNKYY 60
Db 1 QVQLVCSGGGVVQPGSRSLRLSCAASGFTFSSYGMHWVRQAPGKLEWVAIVSYDGSNKYY 60

QY 61 ADSVKGRTISRDNKNTLYLQWNSLRADTAIVYCARD-----RYDLMGRGT 109
Db 61 ADSVKGRTISRDNKNTLYLQWNSLRADTAIVYCARD-----RYDLMGRGT 109

QY 110 LVTSSGGGGGGGGGGGGGQSALTQPASVSGSPQSIITISCTGSSDYGANNVSVWYQ 169
Db 121 LVTSSGGGGGGGGGGGGGQSALTQPASVSGSPQSIITISCTGSSDVGGINVSVWYQ 180

QY 170 QYPGKAPKLLIYDVSNRPSGINSRFGSKSGDTSASLTISGLQAEDEADYYCSSF-ANS 228
Db 181 QHPGKAPKLLIYEGSKRPSGVNRFSGSKSGNTASLTISGLQAEDEADYYCSSFYTRSTR 240

QY 229 LFGGGTKVTVL 239
Db 241 VFGGGTKVTVL 251

RESULT 4

US-09-880-748-981
; Sequence 981, Application US/09880748
; Publication No. US20030059937A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Antibodies that Immunosepecifically Bind Blys
; FILE REFERENCE: PF523
; CURRENT APPLICATION NUMBER: US/09/880,748
; CURRENT FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/212,210
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/240,816
; PRIOR FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: 60/276,248
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/277,379
; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/293,499
; NUMBER OF SEQ ID NOS: 3239
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 981
; LENGTH: 254
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-880-748-981

Query Match 87.7%; Score 1096; DB 10; Length 254;
Best Local Similarity 84.2%; Pred. No. 9.8e-72;
Matches 213; Conservative 13; Mismatches 13; Indels 14; Gaps 3;

QY 1 QVQLQESGGGLVQPGGSLRLSCAASGFTFSSYSMSWVRQAPGKLEWVAIVSYDGSNKYY 60
Db 1 QVQLVCSGGGVVQPGSRSLRLSCAASGFTFSSYGMHWVRQAPGKLEWVAIVSYDGSNKYY 60

QY 61 ADSVKGRTISRDNKNTLYLQWNSLRADTAIVYCARD-----WGR 107
Db 61 ADSVKGRTISRDNKNTLYLQWNSLRADTAIVYCARDGYDILGYRGMWGR 120

QY 108 GTLVTVSSGGGGGGGGGGGQSALTQPASVSGSPQSIITISCTGSSDYGANNVSVW 167
Db 121 GTLVTVSSGGGGGGGGGGGQSALTQPASVSGSPQSIITISCTGSSDVGGINVSVW 180

QY 168 YQQYPGKAPKLLIYDVSNRPSGINSRFGSKSGDTSASLTISGLQAEDEADYYCSSF-ANS 226
Db 181 YQQHPGKAPKLLIYEGSKRPSGVNRFSGSKSGNTASLTISGLQAEDEADYYCSSFYTRSTR 240

QY 227 GPLFGGTKVTVL 239
Db 241 TRVFGGTKLTVL 253

RESULT 5

US-09-880-748-2055
; Sequence 2055, Application US/09880748
; Publication No. US20030059937A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Antibodies that Immunosepecifically Bind Blys
; FILE REFERENCE: PF523
; CURRENT APPLICATION NUMBER: US/09/880,748
; CURRENT FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/212,210
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/240,816
; PRIOR FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: 60/276,248
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/277,379
; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/293,499
; NUMBER OF SEQ ID NOS: 3239
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2055
; LENGTH: 241
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-880-748-2055

Query Match 87.6%; Score 1095.5; DB 10; Length 241;
Best Local Similarity 86.2%; Pred. No. 1e-71;
Matches 207; Conservative 16; Mismatches 16; Indels 1; Gaps 1;

QY 1 QVQLQESGGGLVQPGGSLRLSCAASGFTFSSYSMSWVRQAPGKLEWVAIVSYDGSNKYY 60
Db 1 QVQLVCSGGGVVQPGSRSLRLSCAASGFTFSSYGMHWVRQAPGKLEWVAIVSYDGSNKYY 60

QY 61 ADSVKGRTISRDNKNTLYLQWNSLRADTAIVYCARDRYFDLMGRGLTVTVSSGGGG 120
Db 61 ADSVKGRTISRDNKNTLYLQWNSLRADTAIVYCARDLDFYWGQGTTLTVTVSSGGGG 120

QY 121 GGGSGGGGGSQSALTQPASVSGSPQSIITISCTGSSDYGANNVSVWYQYPGKAPKLLI 180
Db 121 GGGSGGGGGSQSALTQPPSASGSPQSVITISCTGSSDVGGINVSVWYQQHPKAPKPMI 180

QY 181 YDVSNRPSGINSRFGSKSGDTSASLTISGLQAEDEADYYCSSFAN-SGPLFGGTKVTVL 239
Db 181 YDVSNRPSGINSRFGSKSGNTASLTISGLQAEDEADYYCSSFYTRSTR 240

RESULT 6

US-09-880-748-956
; Sequence 956, Application US/09880748
; Publication No. US20030059937A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Antibodies that Immunosepecifically Bind Blys
; FILE REFERENCE: PF523
; CURRENT APPLICATION NUMBER: US/09/880,748
; CURRENT FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/212,210
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/240,816
; PRIOR FILING DATE: 2000-10-17

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; PRIOR APPLICATION NUMBER: 60/276,248
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/277,379
; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/293,499
; PRIOR FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 3239
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO 956
; LENGTH: 252
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-880-748-956

Query Match      87.4%; Score 1093; DB 10; Length 252;
Best Local Similarity 84.1%; Pred. No. 1.6e-71;
Matches 211; Conservative 12; Mismatches 16; Indels 12; Gaps 2;

QY 1 QVQLQESGGGLVQPGGSLRLSCAASGFTFSYSGMWVRQAPGKGLWVAIVSYDGSNKYY 60
DB 1 QVQLVESGGGVQPGGSLRLSCAASGFTFSYSGMWVRQAPGKGLWVAIVSYDGSNKYY 60
QY 61 ADSVKGRFTISRDNKNTLYIQMNSLRAEDTAVYICARDR-----YFDLWGRGT 109
DB 61 ADSVKGRFTISRDNKNTLYIQMNSLRAEDTAVYICARDR-----YFDLWGRGT 109
QY 61 EDVSKGRFTISRDNKNTLYIQMNSLRAEDTAVYICARDSGDILTGYYMPYFDYWGQT 120
DB 61 EDVSKGRFTISRDNKNTLYIQMNSLRAEDTAVYICARDSGDILTGYYMPYFDYWGQT 120
QY 110 LTVSSGGGGGGGGGGGGGSGQSALTQTPASVSGSPQSIITISCTGTSDDIGAYNYVSWYQ 169
DB 121 TVTVSSGGGGGGGGGGGGGSGQSALTQTPASVSGSPQSIITISCTGTSDDIGAYNYVSWYQ 180
QY 170 QPQKAPKLLIYDVSNRPISGINSRFGSKSGDTSASLTISGLQAEADYYCSF-ANSGP 228
DB 181 QPQKAPKLLIYDVSNRPISGINSRFGSKSGDTSASLTISGLQAEADYYCSF-ANSGP 240
QY 229 LFGGGRKTVTL 239
DB 241 VFGGGRKTVTL 251

RESULT 7
US-09-880-748-955
; Sequence 955, Application US/09880748
; Publication No. US2003005937A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
; FILE REFERENCE: PF523
; CURRENT APPLICATION NUMBER: US/09/880,748
; PRIOR FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/212,210
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/240,816
; PRIOR FILING DATE: 2000-10-17
; PRIOR FILING DATE: 2001-03-16
; PRIOR FILING DATE: 2001-03-21
; PRIOR FILING DATE: 2001-03-21
; PRIOR FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 3239
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO 955
; LENGTH: 251
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-880-748-955

Query Match      87.2%; Score 1089.5; DB 10; Length 251;
Best Local Similarity 83.6%; Pred. No. 2.8e-71;
Matches 209; Conservative 14; Mismatches 16; Indels 11; Gaps 2;

QY 1 QVQLQESGGGLVQPGGSLRLSCAASGFTFSYSGMWVRQAPGKGLWVAIVSYDGSNKYY 60
DB 1 QVQLKESGGGVQPGGSLRLSCAASGFTFSYSGMWVRQAPGKGLWVAIVSYDGSNKYY 60
QY 61 ADSVKGRFTISRDNKNTLYIQMNSLRAEDTAVYICARDR-----YFDLWGRGT 110
DB 61 ADSVKGRFTISRDNKNTLYIQMNSLRAEDTAVYICARDR-----YFDLWGRGT 120
QY 111 VTSSGGGGGGGGGGGGGSGQSALTQTPASVSGSPQSIITISCTGTSDDIGAYNYVSWYQ 170
DB 121 VTSSGGGGGGGGGGGGGSGQSALTQTPASVSGSPQSIITISCTGTSDDIGAYNYVSWYQ 180
QY 171 YPQKAPKLLIYDVSNRPISGINSRFGSKSGDTSASLTISGLQAEADYYCSF-ANSGP 229
DB 181 HPQKAPKLLIYDVSNRPISGINSRFGSKSGDTSASLTISGLQAEADYYCSF-ANSGP 240
QY 230 FGGGGRKTVTL 239
DB 241 FGGGGRKTVTL 250

RESULT 9
US-09-880-748-955

Query Match      87.2%; Score 1089.5; DB 10; Length 251;
Best Local Similarity 83.6%; Pred. No. 2.8e-71;
Matches 209; Conservative 14; Mismatches 16; Indels 11; Gaps 2;

QY 1 QVQLQESGGGLVQPGGSLRLSCAASGFTFSYSGMWVRQAPGKGLWVAIVSYDGSNKYY 60
DB 1 QVQLKESGGGVQPGGSLRLSCAASGFTFSYSGMWVRQAPGKGLWVAIVSYDGSNKYY 60
```

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DB 1 EVQLVESGGGVQPGGSLRLSCAASGFTFSYSGMWVRQAPGKGLWVAIVSYDGSNKYY 60
QY 61 ADSVKGRFTISRDNKNTLYIQMNSLRAEDTAVYICARDR-----YFDLWGRGT 110
DB 61 ADSVKGRFTISRDNKNTLYIQMNSLRAEDTAVYICARDR-----YFDLWGRGT 120
QY 111 VTSSGGGGGGGGGGGGGSGQSALTQTPASVSGSPQSIITISCTGTSDDIGAYNYVSWYQ 170
DB 121 VTSSGGGGGGGGGGGGGSGQSALTQTPASVSGSPQSIITISCTGTSDDIGAYNYVSWYQ 180
QY 171 YPQKAPKLLIYDVSNRPISGINSRFGSKSGDTSASLTISGLQAEADYYCSF-ANSGP 229
DB 181 HPQKAPKLLIYDVSNRPISGINSRFGSKSGDTSASLTISGLQAEADYYCSF-ANSGP 240
QY 230 FGGGGRKTVTL 239
DB 241 FGGGGRKTVTL 250

RESULT 8
US-09-880-748-1317
; Sequence 1317, Application US/09880748
; Publication No. US2003005937A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
; FILE REFERENCE: PF523
; CURRENT APPLICATION NUMBER: US/09/880,748
; PRIOR FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/212,210
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/240,816
; PRIOR FILING DATE: 2000-10-17
; PRIOR FILING DATE: 2001-03-16
; PRIOR FILING DATE: 2001-03-21
; PRIOR FILING DATE: 2001-03-21
; PRIOR FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 3239
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO 1317
; LENGTH: 251
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-880-748-1317

Query Match      87.2%; Score 1089.5; DB 10; Length 251;
Best Local Similarity 83.6%; Pred. No. 2.8e-71;
Matches 209; Conservative 14; Mismatches 16; Indels 11; Gaps 2;

QY 1 QVQLQESGGGLVQPGGSLRLSCAASGFTFSYSGMWVRQAPGKGLWVAIVSYDGSNKYY 60
DB 1 QVQLKESGGGVQPGGSLRLSCAASGFTFSYSGMWVRQAPGKGLWVAIVSYDGSNKYY 60
QY 61 ADSVKGRFTISRDNKNTLYIQMNSLRAEDTAVYICARDR-----YFDLWGRGT 110
DB 61 ADSVKGRFTISRDNKNTLYIQMNSLRAEDTAVYICARDR-----YFDLWGRGT 120
QY 111 VTSSGGGGGGGGGGGGGSGQSALTQTPASVSGSPQSIITISCTGTSDDIGAYNYVSWYQ 170
DB 121 VTSSGGGGGGGGGGGGGSGQSALTQTPASVSGSPQSIITISCTGTSDDIGAYNYVSWYQ 180
QY 171 YPQKAPKLLIYDVSNRPISGINSRFGSKSGDTSASLTISGLQAEADYYCSF-ANSGP 229
DB 181 HPQKAPKLLIYDVSNRPISGINSRFGSKSGDTSASLTISGLQAEADYYCSF-ANSGP 240
QY 230 FGGGGRKTVTL 239
DB 241 FGGGGRKTVTL 250

RESULT 9
US-09-880-748-1317
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US-09-880-748-1114
; Sequence 1114, Application US/09880748
; Publication No. US2003005937A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind BlyS
; FILE REFERENCE: PF523
; CURRENT APPLICATION NUMBER: US/09/880,748
; CURRENT FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/212,210
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/240,816
; PRIOR FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: 60/276,248
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/277,379
; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/293,499
; PRIOR FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 3239
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1114
; LENGTH: 251
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-880-748-1114

Query Match      87.1%; Score 1088.5; DB 10; Length 251;
Best Local Similarity 83.2%; Pred. No. 3.4e-71;
Matches 208; Conservative 16; Mismatches 15; Indels 11; Gaps 2;

QY  1  QVQLVESGGGVLPQGGSLRLSCAASGFTTSSYMSWVRQAPGKLEWAVIVSDGSKNY 60
      : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db  1  EVQLVESGGGVQPGGSLRLSCAASGFTVNSAMHWVRQAPGKLEWAVIVSDGSKNY 60
      : : : : : : : : : : : : : : : : : : : : : : : : : : : :
QY  61  ADSVKGRFTSRDNRNKNTLYLQNNSLRAEDTAVYYCARDR-----YFDLWGRGFL 110
      : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db  61  ADSVKGRFTVSRDNRNKNTLYLQNNSLRAEDTAVYYCARDR-----YFDLWGRGQT 120
      : : : : : : : : : : : : : : : : : : : : : : : : : : : :
QY* 111  VIVSSGGGGSGGGSGGGSGSALTOPASVSGSPQSITISCTGTSDDIGAVYVSWYQQ 170
      : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db  121  VIVSSGGGGSGGGSGGGSGGSVLTPASVSGSPQSITISCTGTSDDIGAVYVSWYQQ 180
      : : : : : : : : : : : : : : : : : : : : : : : : : : : :
QY  171  YPKAPKLLIYVSNRPSGIRNPSGKSGDTSALITISGLQAEDEADYICSSP-ANSGL 229
      : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db  181  HEKAPKLMIVYEGSRKPSGVNRPSPGSKSGNTASLITISGLQAEDEADYICSSYTTSTRV 240
      : : : : : : : : : : : : : : : : : : : : : : : : : : : :
QY  230  FGGGTKTVTL 239
      : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db  241  FGGGTKTVTL 250
      : : : : : : : : : : : : : : : : : : : : : : : : : : : :

RESULT 10
US-09-880-748-1003
; Sequence 1003, Application US/09880748
; Publication No. US2003005937A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind BlyS
; FILE REFERENCE: PF523
; CURRENT APPLICATION NUMBER: US/09/880,748
; CURRENT FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/212,210
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/240,816
; PRIOR FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: 60/276,248
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/277,379
; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/293,499
; PRIOR FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 3239

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Db 121 VIVSSGGGGGGGGGGGQSVLTQPASVSGSPGQSITISCTGSSDVGNGYVSWTQQ 180
QY 171 YGKAPKLLIYDVSNRPSGINSRFGSKSGDTASLTISGLQAEADYYCSF-ANSGL 229
Db 181 HFQKAPKLMIEGSKRPSGINSRFGSKSGNTASLTISGLQAEADYYCSYVTRSTRV 240
QY 230 FGGGKTIVL 239
Db 241 FGGGKTIVL 250

RESULT 12

US-09-880-748-1701
; Sequence 1701, Application US/09880748
; Publication No. US20030059937A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
; FILE REFERENCE: PF523
; CURRENT APPLICATION NUMBER: US/09/880,748
; PRIOR FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/212,210
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/240,816
; PRIOR FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: 60/276,248
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/277,379
; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/293,499
; PRIOR FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 3239
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1701
; LENGTH: 254
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-880-748-1701

Query Match 86.3%; Score 1079; DB 10; Length 254;
Best Local Similarity 81.8%; Pred. No. 1.7e-70;
Matches 207; Conservative 18; Mismatches 14; Indels 14; Gaps 2;
QY 1 QVQLQESGGGLVQPGGSLRLSCAASGFTFSYSNVWVRQAPGKLEWVAIVSYDGSNKYY 60
Db 1 QVQLQESGGGLVQPGGSLRLSCAASGFTFSYSNVWVRQAPGKLEWVAIVSYDGSNKYY 60
QY 61 ADSVGRFTISRDNKNTLYLQNSLRAEDTAVYVYCARDRYF-----DLWGR 107
Db 61 ADSVGRFTISRDNKNTLYLQNSLRAEDTAVYVYCARDRYF-----DLWGR 120
QY 108 GTLVTVSSGGGGGGGGGSGGSGQSALTQPASVSGSPGQSITISCTGSSDVGNGYVSW 167
Db 121 GTLVTVSSGGGGGGGGGSGGSGQSALTQPASVSGSPGQSITISCTGSSDVGNGYVSW 180
QY 168 YQYFGKAPKLLIYDVSNRPSGINSRFGSKSGDTASLTISGLQAEADYYCSF-ANS 226
Db 181 YQYFGKAPKLMIEGSKRPSGINSRFGSKSGNTASLTISGLQAEADYYCSYVTR 240
QY 227 GPLFGGKTIVL 239
Db 241 TRVFGGKTIVL 253

RESULT 13

US-09-880-748-1759
; Sequence 1759, Application US/09880748
; Publication No. US20030059937A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
; FILE REFERENCE: PF523

; CURRENT APPLICATION NUMBER: US/09/880,748
; CURRENT FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/212,210
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/240,816
; PRIOR FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: 60/276,248
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/277,379
; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/293,499
; PRIOR FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 3239
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1759
; LENGTH: 254
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-880-748-1759

Query Match 86.3%; Score 1079; DB 10; Length 254;
Best Local Similarity 82.2%; Pred. No. 1.7e-70;
Matches 208; Conservative 16; Mismatches 15; Indels 14; Gaps 2;
QY 1 QVQLQESGGGLVQPGGSLRLSCAASGFTFSYSNVWVRQAPGKLEWVAIVSYDGSNKYY 60
Db 1 QVQLVQSGGGVQPGSLRLSCAASGFTFSYSGHWVRQAPGKLEWVAIVSYDGSIKYY 60
QY 61 ADSVGRFTISRDNKNTLYLQNSLRAEDTAVYVYCARDRYF-----WGR 107
Db 61 ADSVGRFTISRDNKNTLYLQNSLRAEDTAVYVYCARDRYF-----WGR 120
QY 108 GTLVTVSSGGGGGGGGGSGGSGQSALTQPASVSGSPGQSITISCTGSSDVGNGYVSW 167
Db 121 GTLVTVSSGGGGGGGGGSGGSGQSALTQPASVSGSPGQSITISCTGSSDVGNGYVSW 180
QY 168 YQYFGKAPKLLIYDVSNRPSGINSRFGSKSGDTASLTISGLQAEADYYCSF-ANS 226
Db 181 YQYFGKAPKLMIEGSKRPSGINSRFGSKSGNTASLTISGLQAEADYYCSYVTR 240
QY 227 GPLFGGKTIVL 239
Db 241 TRVFGGKTIVL 253

RESULT 14

US-09-880-748-1392
; Sequence 1392, Application US/09880748
; Publication No. US20030059937A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
; FILE REFERENCE: PF523
; CURRENT APPLICATION NUMBER: US/09/880,748
; CURRENT FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/212,210
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/240,816
; PRIOR FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: 60/276,248
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/277,379
; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/293,499
; NUMBER OF SEQ ID NOS: 3239
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1392
; LENGTH: 256
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-880-748-1392

QY 228 PFGGTHKVTVL 239
 :|||||:
Db 241 RVFGGTKLTVL 252

RESULT 16
US-09-880-748-881
; Sequence 881, Application US/09880748
; Publication No. US2003005937A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind BlyS
; FILE REFERENCE: PF523
; CURRENT APPLICATION NUMBER: US/09/880,748
; PRIOR FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/212,210
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/240,816
; PRIOR FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: 60/276,248
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/277,379
; PRIOR FILING DATE: 2001-03-21

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; PROBABLY FROM THE SAME SOURCE AS 2J
; NUMBER OF SEQ ID NOS: 3239
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 881
; LENGTH: 254
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-880-748-881

Query Match      86.2%; Score 1077; DB 10; Length 254;
Best Local Similarity 81.7%; Pred. No. 2.3e-70;
Matches 206; Conservative 18; Mismatches 14; Indels 14; Gaps 2;
```

QY 228 PLFGGTXVTVL 239
:|||||:|
Db 242 RVFGGTXLTVL 253

RESULT 17
US-09-880-748-1007
; Sequence 1007, Application US/09880748
; Publication No. US20030059937A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind Bly5
; FILE REFERENCE: PF523
; CURRENT APPLICATION NUMBER: US/09/880,748
; CURRENT FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/212,210
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/240,816
; PRIOR FILING DATE: 2000-10-17

Query Match 85.9%; Score 1073.5; DB 10; Length 253;
Best Local Similarity 82.1%; Pred. No. 4.1e-70;
Matches 207; Conservative 14; Mismatches 18; Indels 13; Gaps 2;
QY 1 QVQLQESGGGLVQPGGSLRLSCAASGFTFSYMSWVRQAPGKGLWVAVISYDGSNKYY 60
Db 1 QVQLQESGGGLVQPGGSLRLSCAASGFTFSYMSWVRQAPGKGLWVAVISYDGSNKYY 60
QY 61 ADSVKGRFTISRDNKNTLYLQNSLRADTAIVYCAR--DRLMGRGTLTVYSSGG 117
Db 61 ADSVKGRFTISRDNKNTLYLQNSLRADTAIVYCAR--DRLMGRGTLTVYSSGG 120
QY 118 GSGGGGSGGGGSGGSGSALTQTPASVSGSPGQITISCTGSSDIDGAYNYVSWYQOYPGKAPK 177
Db 121 GSGGGGSGGGGSGGSGSVLTQTPASVSGSPGQITISCTGSSDVGNYVSWYQOYPGKAPK 180
QY 178 LLIYDVSNRPSGINSRFGSKSGDTSALTISGLQAEADYVCSF--ANSGLFGGSKTV 236
Db 181 LMIYEGSKRPSGVNRFSGSKSGNTASLTISGLQAEADYVCSF--ANSGLFGGSKTV 240
QY 237 TVL 239
Db 241 TVL 243

Query Match 85.9%; Score 1073.5; DB 10; Length 253;
Best Local Similarity 82.1%; Pred. No. 4.1e-70;
Matches 207; Conservative 14; Mismatches 18; Indels 13; Gaps 2;
QY 1 QVQLQESGGGLVQPGGSLRLSCAASGFTFSYMSWVRQAPGKGLWVAVISYDGSNKYY 60
Db 1 QVQLQESGGGLVQPGGSLRLSCAASGFTFSYMSWVRQAPGKGLWVAVISYDGSNKYY 60
QY 61 ADSVKGRFTISRDNKNTLYLQNSLRADTAIVYCAR--DRLMGRGTLTVYSSGG 117
Db 61 ADSVKGRFTISRDNKNTLYLQNSLRADTAIVYCAR--DRLMGRGTLTVYSSGG 120
QY 109 TLVTVSSGGGSGGGGSGGSGSALTQTPASVSGSPGQITISCTGSSDIDGAYNYVSWY 168
Db 121 TLVTVSSGGGSGGGGSGGSGSVLTQTPASVSGSPGQITISCTGSSDVGNYVSWY 180
QY 169 QOYPGKAPKLLIYDVSNRPSGINSRFGSKSGDTSALTISGLQAEADYVCSF--ANSGL 227
Db 181 QOYPGKAPKLLIYDVSNRPSGINSRFGSKSGDTSALTISGLQAEADYVCSF--ANSGL 240
QY 228 PLFGGSKTVL 239
Db 241 RVPGGSKTVL 252

RESULT 18
US-09-880-748-1910
; Sequence 1910, Application US/09880748
; Publication No. US2003005937A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
; FILE REFERENCE: PF523
; CURRENT APPLICATION NUMBER: US/09/880,748
; PRIOR FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/212,210
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/240,816
; PRIOR FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: 60/276,248
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/277,379
; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/293,499
; PRIOR FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 3239
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1910
; LENGTH: 244
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-880-748-1910

Query Match 85.8%; Score 1072; DB 10; Length 244;
Best Local Similarity 85.2%; Pred. No. 5.1e-70;
Matches 207; Conservative 14; Mismatches 18; Indels 4; Gaps 2;
QY 1 QVQLQESGGGLVQPGGSLRLSCAASGFTFSYMSWVRQAPGKGLWVAVISYDGSNKYY 60
Db 1 EVQLVESGGGVQPGGSLRLSCAASGFTFSYMSWVRQAPGKGLWVAVISYDGSNKYY 60
QY 61 ADSVKGRFTISRDNKNTLYLQNSLRADTAIVYCAR--DRLMGRGTLTVYSSGG 117
Db 61 ADSVKGRFTISRDNKNTLYLQNSLRADTAIVYCAR--DRLMGRGTLTVYSSGG 120
QY 118 GSGGGGSGGGGSGGSGSALTQTPASVSGSPGQITISCTGSSDIDGAYNYVSWYQOYPGKAPK 177
Db 121 GSGGGGSGGGGSGGSGSVLTQTPASVSGSPGQITISCTGSSDVGNYVSWYQOYPGKAPK 180
QY 178 LLIYDVSNRPSGINSRFGSKSGDTSALTISGLQAEADYVCSF--ANSGLFGGSKTV 236
Db 181 LMIYEGSKRPSGVNRFSGSKSGNTASLTISGLQAEADYVCSF--ANSGLFGGSKTV 240
QY 237 TVL 239
Db 241 TVL 243

RESULT 19
US-09-880-748-977
; Sequence 977, Application US/09880748
; Publication No. US2003005937A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
; FILE REFERENCE: PF523
; CURRENT APPLICATION NUMBER: US/09/880,748
; PRIOR FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/212,210
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/240,816
; PRIOR FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: 60/276,248
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/277,379
; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/293,499
; PRIOR FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 3239
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 977
; LENGTH: 254
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-880-748-977

Query Match 85.4%; Score 1067; DB 10; Length 254;
Best Local Similarity 82.5%; Pred. No. 1.2e-69;
Matches 208; Conservative 15; Mismatches 15; Indels 14; Gaps 3;
QY 2 VQLQESGGGLVQPGGSLRLSCAASGFTFSYMSWVRQAPGKGLWVAVISYDGSNKYYA 61
Db 2 MQVLESQGGVQPGGSLRLSCAASGFTFSYMSWVRQAPGKGLWVAVISYDGSNKYYA 61
QY 62 DSVKGRFTISRDNKNTLYLQNSLRADTAIVYCAR--RYFDL-----WGRG 108
Db 62 DSVKGRFTISRDNKNTLYLQNSLRADTAIVYCAR--RYFDL-----WGRG 121
QY 109 TLVTVSSGGGSGGGGSGGSGSALTQTPASVSGSPGQITISCTGSSDIDGAYNYVSWY 168
Db 122 TLVTVSSGGGSGGGGSGGSGSVLTQTPASVSGSPGQITISCTGSSDVGNYVSWY 181
QY 169 QOYPGKAPKLLIYDVSNRPSGINSRFGSKSGDTSALTISGLQAEADYVCSF--ANSGL 227
Db 182 QOYPGKAPKLLIYDVSNRPSGINSRFGSKSGDTSALTISGLQAEADYVCSF--ANSGL 241

QY 228 PLFGGKTVTL 239
:|||||:|
Db 242 RVFGGKTVTL 253

RESULT 20

US-09-880-748-2047
; Sequence 2047, Application US/09880748
; Publication No. US20030059937A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Antibodies that Immunosepecifically Bind Blys
; FILE REFERENCE: PF523
; CURRENT APPLICATION NUMBER: US/09/880,748
; CURRENT FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/212,210
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/240,816
; PRIOR FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: 60/276,248
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/277,379
; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/293,499
; PRIOR FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 3239
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2047
; LENGTH: 240
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-880-748-2047

Query Match 85.2%; Score 1065; DB 10; Length 240;
Best Local Similarity 85.4%; Pred. No. 1.6e-69;
Matches 205; Conservative 15; Mismatches 18; Indels 2; Gaps 2;
QY 1 QVQLQESGGGLVQPGGSLRLSCAASGFTFSYSSYMSWVRQAPGKLEWAVISVDGSKYY 60
Db 1 EVQLVESGGGVQPGGSLRLSCAASGFTFSYSSYMSWVRQAPGKLEWAVISVDGSKYY 60
QY 61 ADSVKGRFTISRDNKNTLYLQMNSLRADTAIVYCARDYFDLNGRTLVTVSSGGGGS 120
Db 61 ADSVKGRFTISRDNKNTLYLQMNSLRADTAIVYCA-SLAPDNGKSTLVTVSSGGGGS 119
QY 121 GGGSGGGGSGALTPASVSGSPGQSITISCTGTSSDIGNYVSWYQHPGKAPKLI 180
Db 120 GGGSGGGGSGQSVLTQPSVSGSPGQSITISCTGTSSDIGNYVSWYQHPGKAPKLI 179
QY 181 YQVSPGKAPKLIYDVSNRPSGKSGDTSALTISGLQAEDEADYVCSF-ANSGLFGGKTVTL 239
Db 180 YEGSKRPSGVNRFSGKSGNTASLTISGLQAEDEADYVCSYTRSTRVFGGKTVTL 239

RESULT 21

US-09-880-748-1428
; Sequence 1428, Application US/09880748
; Publication No. US20030059937A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Antibodies that Immunosepecifically Bind Blys
; FILE REFERENCE: PF523
; CURRENT APPLICATION NUMBER: US/09/880,748
; CURRENT FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/212,210
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/240,816
; PRIOR FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: 60/276,248
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/277,379
; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/293,499

; PRIOR FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 3239
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1428
; LENGTH: 254
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-880-748-1428

Query Match 85.2%; Score 1065; DB 10; Length 254;
Best Local Similarity 81.0%; Pred. No. 1.7e-69;
Matches 205; Conservative 19; Mismatches 15; Indels 14; Gaps 3;
QY 1 QVQLQESGGGLVQPGGSLRLSCAASGFTFSYSSYMSWVRQAPGKLEWAVISYDGSNKYY 60
Db 1 EVQLVESGGGVQPGGSLRLSCAASGFTFSYSSYMSWVRQAPGKLEWLVISDGNKYY 60
QY 61 ADSVKGRFTISRDNKNTLYLQMNSLRADTAIVYCARD-RYFDL-----WGR 107
Db 61 ADSVKGRFTISRDNKNTLYLQMNSLRADTAIVYCAKDGYIIDILTYNYOYGMVWGR 120
QY 108 GTLVTVSSGGGSGGGGSGGSGQSALTPASVSGSPGQSITISCTGTSSDIGNYVSW 167
Db 121 GTWTVTVSSGGGSGGGGSGGSGQSVLTQPSVSGSPGQSITISCTGTSSDVGGNVSW 180
QY 168 YQVSPGKAPKLIYDVSNRPSGKSGDTSALTISGLQAEDEADYVCSF-ANS 226
Db 181 YQHPGKAPKLIYEGSKRPSGVNRFSGKSGNTASLTISGLQAEDEADYVCSYTRTS 240
QY 227 GLPFGGKTVTL 239
Db 241 TRVFGGKTVTL 253

RESULT 22
US-09-880-748-1449
; Sequence 1449, Application US/09880748
; Publication No. US20030059937A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Antibodies that Immunosepecifically Bind Blys
; FILE REFERENCE: PF523
; CURRENT APPLICATION NUMBER: US/09/880,748
; CURRENT FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/212,210
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/240,816
; PRIOR FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: 60/276,248
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/277,379
; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/293,499
; PRIOR FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 3239
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1449
; LENGTH: 253
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-880-748-1449

Query Match 85.2%; Score 1064.5; DB 10; Length 253;
Best Local Similarity 81.8%; Pred. No. 1.8e-69;
Matches 207; Conservative 16; Mismatches 15; Indels 15; Gaps 3;
QY 1 QVQLQESGGGLVQPGGSLRLSCAASGFTFSYSSYMSWVRQAPGKLEWAVISYDGSNKYY 60
Db 1 EVQLVESGGGLVQPGGSLRLSCAASGFTVSSNYMSWVRQAPGKLEWVSVI-YSGSTYY 59
QY 61 ADSVKGRFTISRDNKNTLYLQMNSLRADTAIVYCARDY-----FDLWGR 107
Db 60 ADSVKGRFTISRDNKNTLYLQMNSLRADTAIVYCARDRLHYDILTGHTDADFWDGQ 119

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QY 108 GTLVTVSSGGGGGGGGGGGGGGGQALTPASVSGSPGQSIITISCTGTSSDICAIVYVSW 167
|||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db 120 GTWTVTVSSGGGGGGGGGGGGGGGQSVLTQPASVSGSPGQSIITISCTGTSSDVGNYVSW 179
|||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
QY 168 YOQPGKAPKLLIYDVSNRPSGISNRFGSKSGDTASLTISGLQAEADYYCSSF-ANS 226
|||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db 180 YOQHPGKAPKLLIYEGSKRPSGVNRFSGSKSGNTASLTISGLQAEADYYCSTYARS 239
|||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
QY 227 GFLFGGCTKTVTL 239
|||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db 240 TRVFGGCTKTVL 252
|||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
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RESULT 23

```
US-09-880-748-1075
; Sequence 1075, Application US/09880748
; Publication No. US20030059937A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
; FILE REFERENCE: PF523
; CURRENT APPLICATION NUMBER: US/09/880,748
; CURRENT FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/212,210
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/240,816
; PRIOR FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: 60/276,248
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/277,379
; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/293,499
; PRIOR FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 3239
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1075
; LENGTH: 254
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-880-748-1075
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Query Match 85.0%; Score 1063; DB 10; Length 254;
Best Local Similarity 81.3%; Pred. No. 2.4e-69;
Matches 205; Conservative 17; Mismatches 16; Indels 14; Gaps 2;
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QY 2 VQLQESGGGLVQPGGSLRLSCAASGFTFSYMSWVRQAPGKGLWAVISYDGNKYA 61
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Db 2 VQLVQSGGGVQPGGSLRLSIVSCAASGFTFSYAMHWVRQAPGKGLWAVLSYDGNKYA 61
|||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
QY 62 DSVKGRFTISRDNKNTLYLQMNLSRAEDTAVYICARDYFDL-----WGKG 108
|||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db 62 DSVKGRFTISRDNKNTLYLQMNLSRAEDTAVYICAREGSDYILTYGVGVGRMDVWGKG 121
|||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
QY 109 TLTVTVSSGGGGGGGGGGGGGQSALTPASVSGSPQSIITISCTGTSSDICAIVYVSWY 168
|||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db 122 TLTVTVSSGGGGGGGGGGGGGQSALTPASVSGSPQSIITISCTGTSSDVGNYVSWY 181
|||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
QY 169 YOQPGKAPKLLIYDVSNRPSGISNRFGSKSGDTASLTISGLQAEADYYCSSF-FANGS 227
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Db 182 YOQHPGKAPKLLIYEGSKRPSGVNRFSGSKSGNTASLTISGLQAEADYYCSTNTTKT 241
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QY 228 FLFGGCTKTVL 239
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Db 242 RVFGGCTKTVL 253
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RESULT 24

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US-09-880-748-1735
; Sequence 1735, Application US/09880748
; Publication No. US20030059937A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
```

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; TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
; FILE REFERENCE: PF523
; CURRENT APPLICATION NUMBER: US/09/880,748
; CURRENT FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/212,210
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/240,816
; PRIOR FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: 60/276,248
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/277,379
; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/293,499
; PRIOR FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 3239
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1735
; LENGTH: 254
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-880-748-1735
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Query Match 85.0%; Score 1062; DB 10; Length 254;
Best Local Similarity 81.0%; Pred. No. 2.8e-69;
Matches 205; Conservative 16; Mismatches 18; Indels 14; Gaps 3;

QY 1 QVQLQESGGGLVQPGGSLRLSCAASGFTFSYMSWVRQAPGKGLWAVISYDGNKY 60
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Db 1 QVQLVSGGGVQPGGSLRLSIVSCAASGFTFSYGMHWVRQAPGKGLWAVSYRNDGNTY 60
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QY 61 ADSVKGRFTISRDNKNTLYLQMNLSRAEDTAVYICARDR-----YF-DLWGR 107
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Db 61 TDSVKGRFTISRDNKNTLYLQMNLSRAEDTAVYICAKSQSDYILTYGVVGMVWGR 120
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QY 108 GTLVTVSSGGGGGGGGGGGGGQSALTPASVSGSPQSIITISCTGTSSDICAIVYVSW 167
|||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db 121 GTLVTVSSGGGGGGGGGGGGGQSALTPASVSGSPQSIITISCTGTSSDVGNYVSW 180
|||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
QY 168 YOQPGKAPKLLIYDVSNRPSGISNRFGSKSGDTASLTISGLQAEADYYCSSF-ANS 226
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Db 181 YOQHPGKAPKLLIYEGSKRPSGVNRFSGSKSGNTASLTISGLQAEADYYCSTYTRS 240
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QY 227 GFLFGGCTKTVL 239
|||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db 241 TRVFGGCTKTVL 253
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RESULT 25

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US-09-880-748-1605
; Sequence 1605, Application US/09880748
; Publication No. US20030059937A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
; FILE REFERENCE: PF523
; CURRENT APPLICATION NUMBER: US/09/880,748
; CURRENT FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/212,210
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/240,816
; PRIOR FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: 60/276,248
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/277,379
; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/293,499
; PRIOR FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 3239
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1605
; LENGTH: 251
; TYPE: PRT
; ORGANISM: Homo sapiens
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Qy 169 QQYPGKAPKLLIYDVSNRPSGISNRFSGSKSGDTASLTISGLQAEDEADYYCSSF-ANSG 227

; PRIOR FILING DATE: 2000-06-15

Qy 169 QQYPGKAPKLLIYDVSNRPSGISNRFSGSKSGDTASLTISGLQAEDEADYYCSSF-ANSG 227

; PRIOR FILING DATE: 2000-06-15

